2816

Section **A** for the entry of Daily Observa

AIR MINISTRY.—METEOROL

2816

LIVERPOOL - RATHBONE ROAD

1931 - 1940

COPY FOR OFFICIAL USE.

AINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF 1931.

*Kept at* LIVERPOOL CORPORATION DEPÔT, RATHBONE LIVERP

*in the County of* LANCASTER

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 198 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·52 | – | – | ·15 | – | – | – | – | ·04 | ·06 | – | – | 1 |
| 2 | – | ·05 | – | ·50 | ·03 | ·59 | – | – | ·53 | ·08 | ·04 | ·07 | 2 |
| 3 | ·12 | – | – | – | – | ·11 | ·26 | – | 1·28 | ·02 | ·50 | ·05 | 3 |
| 4 | – | – | ·01 | ·17 | – | – | ·03 | ·30 | ·35 | – | ·05 | ·07 | 4 |
| 5 | – | ·02 | – | ·03 | ·16 | ·76 | ·23 | 1·18 | ·03 | – | – | ·24 | 5 |
| 6 | – | ·24 | – | – | ·02 | ·50 | – | ·04 | ·40 | ·55 | ·11 | – | 6 |
| 7 | – | ·02 | – | – | – | ·38 | – | ·72 | – | ·18 | ·09 | ·01 | 7 |
| 8 | ·10 | ·09 | – | ·22 | – | ·05 | ·09 | ·50 | – | – | ·12 | ·07 | 8 |
| 9 | ·06 | ·16 | ·01 | ·07 | ·06 | ·11 | ·01 | ·37 | ·21 | ·07 | ·15 | ·03 | 9 |
| 10 | – | ·02 | – | – | ·20 | ·32 | – | ·04 | ·13 | – | ·28 | ·01 | 10 |
| 11 | ·36 | ·09 | – | – | – | – | ·16 | – | ·48 | – | ·23 | ·04 | 11 |
| 12 | ·02 | ·05 | ·04 | – | – | – | ·40 | ·15 | ·09 | ·04 | – | – | 12 |
| 13 | – | – | – | – | ·12 | ·07 | ·04 | ·52 | – | – | – | – | 13 |
| 14 | ·02 | ·15 | – | – | ·01 | 1·30 | ·01 | ·82 | ·13 | – | ·68 | ·02 | 14 |
| 15 | ·08 | ·30 | – | ·24 | ·07 | – | ·08 | ·15 | ·02 | – | – | ·23 | 15 |
| 16 | ·10 | ·09 | – | ·12 | ·09 | ·03 | ·05 | ·29 | ·26 | – | – | – | 16 |
| 17 | ·04 | – | – | ·14 | 23 | – | ·06 | ·70 | ·06 | – | ·23 | – | 17 |
| 18 | ·27 | – | – | – | ·06 | ·30 | ·32 | ·20 | – | – | ·48 | – | 18 |
| 19 | ·14 | ·30 | – | – | – | ·03 | ·03 | ·21 | – | ·01 | – | – | 19 |
| 20 | – | ·12 | ·19 | – | – | ·05 | ·09 | 1·36 | – | – | – | – | 20 |
| 21 | ·37 | – | – | ·03 | ·27 | – | – | ·08 | – | – | ·06 | – | 21 |
| 22 | ·08 | ·02 | – | ·07 | ·05 | ·04 | ·04 | – | – | – | ·10 | – | 22 |
| 23 | ·27 | – | – | ·17 | ·29 | ·15 | ·05 | – | – | – | ·15 | ·30 | 23 |
| 24 | ·02 | ·02 | – | ·14 | ·30 | – | ·08 | – | – | – | ·02 | ·18 | 24 |
| 25 | ·11 | ·55 | – | ·66 | ·10 | – | – | – | – | – | ·05 | ·05 | 25 |
| 26 | ·06 | ·03 | – | ·09 | – | – | – | – | – | – | ·96 | ·04 | 26 |
| 27 | ·19 | ·15 | – | ·12 | ·31 | ·03 | ·06 | – | – | ·27 | ·68 | ·04 | 27 |
| 28 | ·34 | ·34 | ·03 | – | ·20 | – | – | – | – | ·11 | – | ·12 | 28 |
| 29 | ·12 | × | ·05 | – | – | – | ·12 | – | – | ·56 | ·01 | – | 29 |
| 30 | ·01 | × | – | – | – | – | – | – | ·07 | – | – | ·06 | 30 |
| 31 | ·20 | × | – | × | – | × | ·14 | – | × | ·02 | × | ·04 | 31 |
| TOTAL | 3·60 | 2·81 | ·33 | 2·92 | 2·57 | 4·82 | 2·35 | 7·63 | 4·08 | 1·97 | 4·99 | 1·67 | YEAR'S TOTAL ~~40~~ 39·74 |
| *Days with ·01 in. or more. | 23 | 20 | 6 | 16 | 18 | 17 | 21 | 17 | 15 | 12 | 20 | 19 | 204 |
| *Days with ·04 in. or more. | 19 | 14 | 3 | 14 | 15 | 14 | 17 | 17 | 13 | 9 | 18 | 15 | 168 |

40-9999

*(Signed)* J Rawlinson

P.T.O.

*See Instruction 2 (*f*) on other side.

2816

Section **A** for the entry of Daily Observa

COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE. BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1931.

*Kept at* Liverpool Corporation Depôt, Rathbone Road, Liverpool.
*in the County of* Lancaster.
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft 0 in.
,, Ground ,, Sea Level 198 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

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| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·52 | – | – | ·15 | – | – | – | – | ·04 | ·06 | – | – | 1 |
| 2 | – | ·05 | – | ·50 | ·03 | ·59 | – | – | ·53 | ·08 | ·04 | ·07 | 2 |
| 3 | ·12 | – | – | – | – | ·11 | ·26 | – | 1·28 | ·02 | ·50 | ·05 | 3 |
| 4 | – | – | ·01 | ·17 | – | – | ·03 | ·30 | ·35 | – | ·05 | ·07 | 4 |
| 5 | – | ·02 | – | ·03 | ·16 | ·76 | ·23 | 1·18 | ·03 | – | – | ·24 | 5 |
| 6 | – | ·24 | – | – | ·02 | ·50 | – | ·04 | ·40 | ·55 | ·11 | – | 6 |
| 7 | – | ·02 | – | – | – | ·38 | – | ·72 | – | ·18 | ·09 | ·01 | 7 |
| 8 | ·10 | ·09 | – | ·22 | – | ·05 | ·09 | ·50 | – | – | ·12 | ·07 | 8 |
| 9 | ·06 | ·16 | ·01 | ·07 | ·06 | ·11 | ·01 | ·37 | ·21 | ·07 | ·15 | ·03 | 9 |
| 10 | – | ·02 | – | – | ·20 | ·32 | – | ·04 | ·13 | – | ·28 | ·01 | 10 |
| 11 | ·36 | ·09 | – | – | – | – | ·16 | – | ·48 | – | ·23 | ·04 | 11 |
| 12 | ·02 | ·05 | ·04 | – | – | – | ·40 | ·15 | ·09 | ·04 | – | – | 12 |
| 13 | – | – | – | – | ·12 | ·07 | ·04 | ·52 | – | – | – | – | 13 |
| 14 | ·02 | ·15 | – | – | ·01 | 1·30 | ·01 | ·82 | ·13 | – | ·68 | ·02 | 14 |
| 15 | ·08 | ·30 | – | ·24 | ·07 | – | ·08 | ·15 | ·02 | – | – | ·23 | 15 |
| 16 | ·10 | ·09 | – | ·12 | ·09 | ·03 | ·05 | ·29 | ·26 | – | – | – | 16 |
| 17 | ·04 | – | – | ·14 | 23 | – | ·06 | ·70 | ·06 | – | ·23 | – | 17 |
| 18 | ·27 | – | – | – | ·06 | ·30 | ·32 | ·20 | – | – | ·48 | – | 18 |
| 19 | ·14 | ·30 | – | – | – | ·03 | ·03 | ·21 | – | ·01 | – | – | 19 |
| 20 | – | ·12 | ·19 | – | – | ·05 | ·09 | 1·36 | – | – | – | – | 20 |
| 21 | ·37 | – | – | ·03 | ·27 | – | – | ·08 | – | – | ·06 | – | 21 |
| 22 | ·08 | ·02 | – | ·07 | ·05 | ·04 | ·04 | – | – | – | ·10 | – | 22 |
| 23 | ·27 | – | – | ·17 | ·29 | ·15 | ·05 | – | – | – | ·15 | ·30 | 23 |
| 24 | ·02 | ·02 | – | ·14 | ·30 | – | ·08 | – | – | – | ·02 | ·18 | 24 |
| 25 | ·11 | ·55 | – | ·66 | ·10 | – | – | – | – | – | ·05 | ·05 | 25 |
| 26 | ·06 | ·03 | – | ·09 | – | – | – | – | – | – | ·96 | ·04 | 26 |
| 27 | ·19 | ·15 | – | ·12 | ·31 | ·03 | ·06 | – | – | ·27 | ·68 | ·04 | 27 |
| 28 | ·34 | ·34 | ·03 | – | ·20 | – | – | – | – | ·11 | – | ·12 | 28 |
| 29 | ·12 | × | ·05 | – | – | – | ·12 | – | – | ·56 | ·01 | – | 29 |
| 30 | ·01 | × | – | – | – | – | – | – | ·07 | – | – | ·06 | 30 |
| 31 | ·20 | × | – | × | – | × | ·14 | – | × | ·02 | × | ·04 | 31 |
| TOTAL | 3·60 | 2·81 | ·33 | 2·92 | 2·57 | 4·82 | 2·35 | 7·63 | 4·08 | 1·97 | 4·99 | 1·67 | YEAR'S TOTAL ~~40~~ 39·74 |
| *Days with ·01 in. or more. | 23 | 20 | 6 | 16 | 18 | 17 | 21 | 17 | 15 | 12 | 20 | 19 | 204 |
| *Days with ·04 in. or more. | 19 | 14 | 3 | 14 | 15 | 14 | 17 | 17 | 13 | 9 | 18 | 18 | 168 |

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) J Rawlinson

P.T.O.

2816

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AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

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*Kept at* RATHBONE ROAD DEPÔT, LIVERPOOL

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Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 198 ft.

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| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·33 | ·03 | – | ·26 | ·79 | ·02 | ·05 | ·10 | ·11 | ·02 | ·06 | ·20 | 1 |
| 2 | ·16 | – | – | – | ·32 | – | ·07 | ·03 | ·29 | ·22 | ·05 | ·15 | 2 |
| 3 | – | ·03 | – | ·08 | ·03 | – | ·08 | ·10 | ·06 | ·03 | ·08 | ·11 | 3 |
| 4 | – | ·01 | – | – | – | – | ·11 | – | – | ·29 | ·03 | – | 4 |
| 5 | ·80 | – | ·15 | ·03 | ·02 | – | ·06 | ·03 | ·12 | – | – | – | 5 |
| 6 | ·90 | – | ·14 | ·23 | – | – | – | – | ·18 | – | – | – | 6 |
| 7 | ·06 | – | ·23 | ·19 | ·03 | – | – | – | ·83 | ·70 | – | – | 7 |
| 8 | – | – | – | ·08 | ·04 | – | – | – | ·31 | ·37 | – | – | 8 |
| 9 | ·28 | – | – | ·06 | ·08 | – | – | – | ·16 | – | ·05 | ·01 | 9 |
| 10 | ·15 | ·01 | – | ·06 | – | – | – | – | ·45 | ·74 | ·02 | – | 10 |
| 11 | – | – | – | ·07 | ·53 | ·07 | ·37 | – | – | – | – | – | 11 |
| 12 | ·07 | – | – | – | ·34 | – | ·50 | ·13 | ·03 | ·38 | – | – | 12 |
| 13 | – | – | – | ·03 | ·09 | – | ·48 | ·05 | ·16 | ·39 | – | ·20 | 13 |
| 14 | ·17 | – | – | ·37 | – | – | ·20 | ·05 | – | ·12 | ·20 | ·13 | 14 |
| 15 | – | – | – | ·02 | ·46 | – | – | – | – | ·08 | ·08 | – | 15 |
| 16 | ·10 | – | – | ·05 | – | – | ·02 | – | – | ·03 | – | ·07 | 16 |
| 17 | – | – | – | – | – | – | ·30 | ·03 | ·05 | ·12 | – | ·03 | 17 |
| 18 | – | – | – | – | ·04 | – | ·02 | – | ·02 | ·04 | ·05 | – | 18 |
| 19 | – | – | – | ·20 | ·03 | – | ·01 | – | ·04 | ·25 | – | ·05 | 19 |
| 20 | – | – | – | ·11 | ·30 | – | ·05 | ·29 | – | ·22 | ·09 | ·03 | 20 |
| 21 | ·05 | – | ·23 | ·02 | ·32 | – | ·03 | ·35 | – | ·78 | ·21 | – | 21 |
| 22 | – | – | ·06 | ·05 | ·34 | – | ·10 | – | – | ·02 | ·65 | – | 22 |
| 23 | – | – | – | – | ·37 | – | ·06 | – | – | ·16 | ·09 | ·07 | 23 |
| 24 | ·10 | – | – | – | ·04 | – | ·63 | – | ·26 | – | ·28 | – | 24 |
| 25 | – | – | – | ·04 | – | – | ·11 | – | ·24 | ·68 | ·09 | – | 25 |
| 26 | – | – | ·03 | ·03 | ·25 | – | ·12 | – | ·38 | ·15 | ·03 | – | 26 |
| 27 | – | – | ·74 | ·39 | ·13 | ·05 | ·10 | – | – | ·07 | ·02 | ·05 | 27 |
| 28 | – | – | ·06 | ·16 | ·14 | – | ·32 | ·01 | – | – | – | ·02 | 28 |
| 29 | ·02 | – | ·55 | ·80 | ·09 | ·11 | ·03 | ·01 | ·19 | ·64 | ·36 | ·24 | 29 |
| 30 | – | ✕ | ·06 | ·18 | – | ·12 | ·05 | ·06 | ·08 | ·49 | ·56 | ·02 | 30 |
| 31 | – | ✕ | ·09 | ✕ | – | ✕ | ·72 | – | ✕ | ·01 | ✕ | – | 31 |
| TOTAL | 3·19 | ·08 | 2·34 | 3·51 | 4·78 | ·37 | 4·59 | 1·24 | 3·96 | 7·00 | 3·00 | 1·38 | YEAR'S TOTAL 35·44 |
| Days with ·01 in. or more. | 13 | 4 | 11 | 23 | 22 | 5 | 25 | 13 | 19 | 25 | 19 | 15 | 194 |
| Days with ·04 in. or more. | 12 | – | 10 | 18 | 18 | 4 | 20 | 8 | 17 | 20 | 15 | 10 | 152 |

40-9999

(Signed) J Rawlinson

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2816

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FORM 1090.

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | — | ·11 | ·08 | ·06 | — | — | — | — | — | — | ·10 | — | | 1 |
| 2 | ·06 | — | ·16 | ·05 | — | ·07 | — | ·03 | — | — | — | — | | 2 |
| 3 | ·02 | ·50 | ·26 | — | ·24 | — | — | — | — | — | — | — | | 3 |
| 4 | ·34 | ·01 | ·10 | — | ·10 | — | — | — | — | — | ·04 | — | | 4 |
| 5 | ·11 | ·10 | ·07 | — | ·08 | — | — | — | — | — | ·06 | — | | 5 |
| 6 | — | ·04 | ·14 | — | ·12 | — | — | — | — | — | ·04 | — | | 6 |
| 7 | ·04 | ·19 | — | — | ·02 | — | ·01 | ·02 | — | ·39 | — | — | | 7 |
| 8 | ·10 | ·38 | ·20 | ·40 | ·06 | — | ·10 | — | — | — | ·02 | ·03 | | 8 |
| 9 | — | ·01 | — | ·40 | ·01 | — | ·75 | — | — | ·36 | ·15 | — | | 9 |
| 10 | ·07 | ·27 | — | — | — | ·14 | ·07 | — | — | ·99 | ·07 | — | | 10 |
| 11 | ·05 | ·19 | — | — | — | — | ·60 | — | — | ·22 | — | ·26 'S' | | 11 |
| 12 | ·06 | — | — | — | — | ·06 | ·35 | — | — | ·10 | ·01 | ·02 'S' | | 12 |
| 13 | — | — | — | — | ·14 | — | ·25 | — | — | ·36 | ·41 | — | | 13 |
| 14 | ·20 | — | — | — | — | — | ·14 | ·04 | — | — | ·32 | — | | 14 |
| 15 | ·09 | — | ·04 | — | — | — | ·09 | ·03 | — | ·48 | ·18 | ·01 | | 15 |
| 16 | ·18 'S' | — | ·15 | — | ·08 | ·23 | — | ·04 | — | ·21 | ·02 | ·02 | | 16 |
| 17 | ·16 | ·02 | ·43 | — | — | ·44 | — | ·02 | ·09 | — | ·01 | ·01 | | 17 |
| 18 | ·04 | — | ·16 | — | — | ·21 | — | ·05 | — | — | ·03 | — | | 18 |
| 19 | — | — | ·21 | — | — | — | — | ·02 | ·08 | — | ·22 | ·03 | | 19 |
| 20 | — | — | — | — | ·46 | — | — | ·67 | ·05 | — | — | — | | 20 |
| 21 | — | — | — | — | — | ·07 | — | ·18 | — | — | ·01 | — | | 21 |
| 22 | — | — | — | ·08 | — | — | — | ·16 | ·04 | ·04 | — | — | | 22 |
| 23 | — | — | — | ·23 | — | ·25 | — | ·14 | ·09 | ·05 | — | — | | 23 |
| 24 | — | ·28 'S' | — | ·10 | ·16 | ·23 | — | — | ·40 | ·02 | — | — | | 24 |
| 25 | — | ·27 | — | ·13 | — | — | — | — | ·08 | — | — | ·10 | | 25 |
| 26 | — | ·71 | — | ·15 | — | — | — | — | — | ·27 | — | ·02 | | 26 |
| 27 | — | — | — | — | ·21 | — | — | — | ·01 | ·04 | — | — | | 27 |
| 28 | — | ·01 | — | ·03 | — | — | ·10 | ·55 | — | ·01 | — | — | | 28 |
| 29 | ·02 | × | — | — | — | — | ·01 | ·04 | — | — | — | ·04 | | 29 |
| 30 | ·08 | × | ·01 | ·16 | ·04 | ·02 | ·04 | — | — | ·24 | — | ·14 | | 30 |
| 31 | ·03 | × | ·04 | × | — | × | ·03 | ·02 | × | ·19 | × | ·05 | | 31 |
| TOTAL | 1·65 | 3·09 | 2·05 | 1·79 | 1·72 | 1·72 | 2·54 | 2·01 | ·84 | 3·97 | 1·69 | ·73 | Year's Total<br>23·80 ✓ | |
| *Days with ·01 in. or more. | 17 | 15 | 14 | 11 | 13 | 10 | 13 | 15 | 8 | 16 | 16 | 12 | 160 | |
| *Days with ·04 in. or more. | 14 | 11 | 13 | 10 | 11 | 9 | 10 | 9 | 7 | 14 | 10 | 5 | 123 | |

40-9999

"S" = SNOW.

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) City Engineer

[P. T. O.

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·11 | – | – | – | – | – | – | ·18 | ·28 | ·03 | ·56 "S" | ·68 | | 1 |
| 2 | ·01 | ·01 | ·11 | – | – | – | – | ·44 | ·05 | – | ·19 | ·26 | | 2 |
| 3 | ·19 | – | – | – | – | – | – | – | – | ·20 | ·05 | ·14 | | 3 |
| 4 | ·15 | – | ·07 | – | ·13 | – | – | ·20 | ·03 | ·78 | – | ·78 | | 4 |
| 5 | – | – | ·01 | – | ·03 | – | – | ·79 | – | ·06 | ·04 | ·03 | | 5 |
| 6 | – | – | ·06 | ·06 | ·23 | – | – | – | – | ·18 | – | ·15 | | 6 |
| 7 | ·35 | – | ·09 | ·02 | ·04 | – | – | – | – | ·08 | ·18 | ·17 | | 7 |
| 8 | – | – | – | – | ·20 | ·07 | – | ·04 | – | ·28 | ·53 | ·02 | | 8 |
| 9 | – | – | ·13 | – | – | – | – | ·10 | ·06 | – | ·35 | – | | 9 |
| 10 | – | – | ·17 | ·33 | – | – | – | ·63 | – | ·09 | – | – | | 10 |
| 11 | ·02 | – | ·01 | ·41 | – | – | – | ·12 | – | – | ·09 | ·13 | | 11 |
| 12 | ·01 | – | ·03 | ·05 | – | – | – | ·11 | – | ·05 | ·02 | – | | 12 |
| 13 | ·19 | ·01 | ·01 | ·02 | ·02 | ·01 | ·24 | – | – | ·06 | – | – | | 13 |
| 14 | ·15 | – | ·22 | – | ·01 | ·03 | – | – | – | ·17 | ·04 | ·08 | | 14 |
| 15 | ·08 | – | ·21 | – | ·58 | – | – | ·10 | ·33 | ·14 | ·02 | ·22 | | 15 |
| 16 | ·38 | – | ·07 | – | ·06 | – | – | – | – | ·23 | ·02 | ·02 | | 16 |
| 17 | ·10 | – | ·25 | ·05 | ·27 | – | ·19 | – | ·10 | ·11 | – | ·11 | | 17 |
| 18 | ·14 | – | ·01 | ·11 | ·32 | ·27 | – | ·02 | – | ·04 | – | ·18 | | 18 |
| 19 | – | – | ·14 | – | ·09 | ·17 | – | ·01 | ·22 | ·12 | – | ·07 | | 19 |
| 20 | – | – | ·02 | ·07 | ·10 | ·03 | – | – | ·10 | ·02 | – | – | | 20 |
| 21 | ·02 | – | ·08 | – | – | ·36 | – | ·09 | ·26 | ·16 | – | – | | 21 |
| 22 | ·05 | – | ·03 | – | – | ·01 | – | ·04 | ·25 | ·18 | ·02 | ·09 | | 22 |
| 23 | – | – | ·06 | ·46 | ·01 | ·31 | ·16 | – | ·03 | ·26 | ·04 | ·03 | | 23 |
| 24 | – | ·24 | ·02 | ·03 | ·02 | ·07 | ·04 | – | ·16 | ·16 | – | – | | 24 |
| 25 | – | – | – | ·06 | ·01 | – | ·05 | – | ·18 | ·06 | – | ·41 | | 25 |
| 26 | ·06 | – | ·02 | ·14 | – | ·14 | ·04 | – | ·07 | ·01 | – | ·01 | | 26 |
| 27 | – | – | – | ·01 | – | ·03 | ·15 | – | – | ·20 | ·01 | ·25 | | 27 |
| 28 | – | – | – | ·03 | – | – | – | ·88 | ·10 | ·17 | – | ·98 | | 28 |
| 29 | – | × | – | – | – | – | ·15 | – | ·19 | 1·01 | – | ·05 | | 29 |
| 30 | ·21 | × | – | – | – | – | ·01 | ·06 | ·19 | ·98 "S" | – | ·03 | | 30 |
| 31 | – | × | – | × | – | × | – | ·07 | × | ·26 "S" | × | ·18 | | 31 |
| TOTAL | 2·22 | ·26 | 1·82 | 1·85 | 2·12 | 1·50 | 1·03 | 3·88 | 2·60 | 6·09 | 2·16 | 5·07 | Year's Total.<br>30·60 | |
| * Days with .01 in. or more. | 17 | 3 | 22 | 15 | 16 | 12 | 9 | 17 | 17 | 28 | 15 | 24 | 195 | |
| * Days with .04 in. or more. | 13 | 1 | 13 | 10 | 10 | 7 | 8 | 15 | 15 | 25 | 10 | 18 | 145 | |

40-9999 "S" = Snow & Hail Stones

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) ............

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2816

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1935.

*Kept at* RATHBONE ROAD DEPÔT, -

*in the County of* LANCASTER - LIVERPOOL

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 198 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf.

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | ·16 | ·04 | — | ·02 | — | ·04 | ·30 | — | ·50 | ·23 | ·17 | ·14 | | 1 |
| 2 | ·01 | ·10 | — | — | — | ·06 | — | — | — | ·05 | ·02 | ·16 | | 2 |
| 3 | ·06 | ·36 | ·15 | ·13 | — | ·24 | — | — | ·27 | ·02 | ·13 | ·24 | | 3 |
| 4 | — | ·06 | ·02 | — | — | ·06 | — | — | ·05 | ·15 | ·01 | — | | 4 |
| 5 | — | ·26 | ·15 | ·12 | — | ·37 | — | — | ·32 | ·06 | ·23 | ·23 | | 5 |
| 6 | — | — | — | ·15 | — | ·15 | — | — | — | — | — | — | | 6 |
| 7 | — | — | — | ·03 | — | ·13 | — | — | — | ·15 | ·12 | ·40 | | 7 |
| 8 | — | — | — | ·12 | — | — | — | ·03 | — | ·09 | ·18 | ·02 | | 8 |
| 9 | ·06 | ·02 | — | ·17 | — | ·08 | — | — | ·02 | 1·90 | ·04 | — | | 9 |
| 10 | — | ·08 | — | — | — | ·09 | — | — | — | ·13 | ·01 | — | | 10 |
| 11 | ·55 | ·01 | — | — | — | ·24 | — | ·04 | — | ·05 | ·03 | — | | 11 |
| 12 | ·08 | ·10 | — | — | — | ·21 | — | — | ·02 | — | — | — | | 12 |
| 13 | ·20 | ·03 | — | ·09 | ·27 | ·01 | — | — | ·16 | ·03 | ·03 | — | | 13 |
| 14 | ·04 | — | — | — | — | ·06 | ·76 | — | ·03 | — | ·55 | ·22"S" | | 14 |
| 15 | — | ·38 | — | ·45 | ·06 | ·03 | ·07 | — | ·14 | — | — | ·90 | | 15 |
| 16 | ·02 | ·18 | ·04 | ·18 | ·18 | ·36 | ·13 | ·01 | ·65 | — | ·40 | — | | 16 |
| 17 | — | — | — | ·17 | ·85"S" | ·42 | ·65 | ·51 | ·06 | ·06 | ·62 | — | | 17 |
| 18 | — | — | — | ·11 | ·36 | ·05 | ·10 | — | ·51 | ·05 | ·04 | — | | 18 |
| 19 | — | ·02 | — | ·22 | ·30 | ·46 | ·20 | — | — | ·02 | ·14 | — | | 19 |
| 20 | — | ·32 | — | ·85 | — | ·07 | ·03 | — | — | — | ·12 | — | | 20 |
| 21 | — | ·22 | — | — | — | — | — | — | ·73 | ·10 | — | ·15 | | 21 |
| 22 | ·02 | ·24 | ·04 | — | — | — | — | — | ·02 | — | — | — | | 22 |
| 23 | ·06 | ·07 | ·40 | — | — | — | — | ·08 | ·18 | ·72 | — | — | | 23 |
| 24 | ·18 | ·26 | ·13 | — | — | — | — | — | ·58 | ·05 | ·04 | ·23"S" | | 24 |
| 25 | ·18 | ·06 | ·05 | — | — | ·04 | — | — | — | ·01 | ·08 | ·03 | | 25 |
| 26 | — | ·04 | — | — | — | — | — | ·76 | ·50 | ·01 | ·04 | ·15 | | 26 |
| 27 | — | ·01 | — | — | ·09 | ·22 | ·09 | ·04 | ·19 | ·11 | ·38 | ·01 | | 27 |
| 28 | ·07 | ·15 | — | — | ·02 | — | — | ·70 | ·25 | ·25 | ·11 | — | | 28 |
| 29 | — | X | ·07 | — | — | ·07 | — | ·19 | ·55 | ·08 | ·08 | ·05 | | 29 |
| 30 | ·06 | ✕ | — | ·02 | — | ·35 | — | ·09 | ·17 | ·20 | ·43 | ·09 | | 30 |
| 31 | ·03 | ✕ | — | ✕ | — | ✕ | — | — | ✕ | ·14 | ✕ | ·78 | | 31 |
| TOTAL | 1·78 | 3·01 | 1·05 | 2·83 | 2·13 | 3·81 | 2·33 | 2·45 | 5·90 | 4·66 | 4·00 | 3·80 | Year's Total 37·75 | |
| * Days with .01 in. or more. | 16 | 22 | 9 | 15 | 8 | 23 | 9 | 10 | 21 | 24 | 24 | 16 | 197 | |
| * Days with .04 in. or more. | 12 | 17 | 8 | 12 | 7 | 21 | 8 | 8 | 17 | 19 | 19 | 13 | 161 | |

40-9999. "S" = Snow & Hail

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) ............................................ [P.T.O.

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Section **A** for the entry of Daily Observations. Station No. 2816

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

Form 1090.

# REGISTER OF RAINFALL IN 1936.

*Kept at* RATHBONE ROAD, DEPÔT, LIVERPOOL

*in the County of* LANCASTER

Diameter of Funnel of Gauge 5" in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 198 ft.

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | — | ·12 | ·13 | ·25 | — | ·33 | ·02 | ·40 | ·05 | — | ·38 | ·87 | | 1 |
| 2 | ·16 | ·01 | — | ·13 | — | ·32 | — | ·02 | ·03 | — | ·15 | ·35 | | 2 |
| 3 | — | — | — | — | — | ·46 | ·04 | ·05 | ·23 | — | — | ·02 | | 3 |
| 4 | ·07 | ·30 "S" | ·20 | — | — | ·03 | — | ·04 | ·11 | — | ·25 | ·28 | | 4 |
| 5 | ·12 | ·10 | ·11 | — | — | — | — | ·40 | ·22 | — | ·01 | ·22 | | 5 |
| 6 | ·06 | — | — | — | ·09 | ·01 | ·10 | ·07 | ·31 | — | ·08 | — | | 6 |
| 7 | — | — | ·14 | — | — | — | ·10 | — | ·46 | — | ·16 | ·24 | | 7 |
| 8 | ·13 | — | ·38 | — | — | — | — | — | ·04 | — | ·38 | ·02 | | 8 |
| 9 | ·25 | — | — | — | — | ·07 | ·20 | — | ·20 | — | ·20 | ·01 | | 9 |
| 10 | ·06 | — | — | — | — | — | ·07 | — | ·01 | — | ·06 | ·01 | | 10 |
| 11 | — | — | ·02 | ·01 | — | ·09 | ·56 | ·14 | ·16 | — | ·38 | ·13 | | 11 |
| 12 | — | — | — | — | ·04 | ·12 | ·32 | — | ·25 | ·04 | ·09 | ·01 | | 12 |
| 13 | ·07 | — | — | ·01 | ·03 | ·02 | ·12 | — | ·02 | ·30 | ·12 | ·33 | | 13 |
| 14 | — | — | — | ·06 | — | ·42 | ·08 | ·13 | ·08 | ·05 | ·14 | ·78 | | 14 |
| 15 | ·32 "S" | — | — | ·10 | ·21 | ·08 | — | ·12 | ·08 | — | ·30 | ·03 | | 15 |
| 16 | — | ·10 | — | ·19 | ·12 | — | ·11 | — | — | — | ·68 | ·02 | | 16 |
| 17 | ·12 | ·27 | — | — | ·04 | — | ·05 | ·18 | — | ·08 | ·03 | ·04 | | 17 |
| 18 | — | ·06 | — | ·05 | — | ·01 | ·48 | ·17 | — | ·43 | — | — | | 18 |
| 19 | ·59 "S" | ·12 | ·02 | ·32 | — | ·10 | ·06 | ·26 | — | ·10 | — | — | | 19 |
| 20 | ·45 | ·18 | — | — | — | ·07 | — | — | — | ·05 | ·01 | ·01 | | 20 |
| 21 | ·52 | — | ·01 | ·10 | — | ·38 | — | — | — | — | — | ·08 | | 21 |
| 22 | ·10 "S" | ·47 | ·09 | — | — | ·23 | ·36 | — | — | ·01 | ·01 | ·09 | | 22 |
| 23 | — | ·03 | ·09 | ·05 | — | — | ·31 | — | — | ·06 | — | ·02 | | 23 |
| 24 | ·18 | — | — | — | ·02 | — | — | — | ·20 | ·11 | ·01 | — | | 24 |
| 25 | ·19 | — | ·01 | — | — | — | — | — | ·53 | ·18 | — | ·03 | | 25 |
| 26 | ·09 | ·16 | ·33 | ·03 | — | — | ·15 | — | ·08 | ·23 | — | — | | 26 |
| 27 | ·72 | — | — | — | — | — | — | — | ·20 | ·28 | ·01 | — | | 27 |
| 28 | ·16 | ·25 | ·17 | ·06 | — | — | ·01 | — | — | ·05 | — | ·07 | | 28 |
| 29 | ·05 | ·34 | ·26 | — | ·31 | ·34 | — | — | — | ·06 | ·17 | ·04 | | 29 |
| 30 | ·14 | ✕ | — | — | ·30 | ·03 | ·32 | ·06 | — | ·34 | ·20 | ·02 | | 30 |
| 31 | ·20 | ✕ | ·08 | ✕ | ·03 | ✕ | ·04 | ·01 | ✕ | — | ✕ | ·19 | | 31 |
| TOTAL | 4·75 | 2·51 | 2·04 | 1·36 | 1·19 | 3·11 | 3·50 | 2·05 | 3·26 | 2·37 | 3·82 | 3·91 | Year's Total 33·87 | ✓ ✓ |
| * Days with .01 in. or more. | 22 | 14 | 15 | 13 | 10 | 18 | 20 | 14 | 19 | 16 | 22 | 25 | 208 | ✓ |
| * Days with .04 in. or more. | 22 | 12 | 11 | 10 | 7 | 13 | 18 | 12 | 16 | 15 | 16 | 14 | 166 | ✓ |

40-9999. "S" = Snow

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) John E. Hill

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 2816

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1937.

*Kept at* RATHBONE RD., DEPÔT, LIVERPOOL.

*in the County of* LANCASTER.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 198 ft.

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·02 | ·20 | ·14 | — | — | — | ·03 | — | ·30 | ·13 | ·01 | ·06 | | 1 |
| 2 | — | ·14 | ·14 | ·25 | — | ·03 | — | — | ·03 | — | — | — | | 2 |
| 3 | — | ·13 | — | ·05 | ·06 | ·26 | ·03 | — | ·03 | — | — | ·07 | | 3 |
| 4 | ·30 | ·02 | ·04 | ·04 | ·12 | — | — | ·03 | — | — | — | ·32 | | 4 |
| 5 | ·73 | — | — | ·23 | — | ·02 | ·03 | — | — | — | — | ·44 | | 5 |
| 6 | ·03 | — | — | ·09 | ·15 | — | — | — | — | — | ·02 | ·04 "S" | | 6 |
| 7 | — | ·28 | — | ·13 | — | ·16 | — | — | ·02 | — | — | — | | 7 |
| 8 | — | ·41 | ·01 | ·09 | — | ·04 | ·21 | — | — | — | ·11 | — | | 8 |
| 9 | — | ·12 | ·01 "S" | ·04 | ·23 | ·03 | ·10 | ·15 | — | — | — | — | | 9 |
| 10 | ·02 | ·30 | ·03 "S" | — | — | — | — | — | — | — | — | ·32 "S" | | 10 |
| 11 | — | — | ·21 | — | ·42 | ·35 | ·02 | — | — | — | ·01 | — | | 11 |
| 12 | ·04 | ·49 | ·04 | — | — | ·35 | ·02 | ·06 | ·90 | — | ·03 | ·26 | | 12 |
| 13 | — | ·11 | — | ·02 | — | — | — | 1·70 | ·01 | — | — | ·30 | | 13 |
| 14 | — | ·09 | ·02 "S" | — | — | — | ·03 | ·06 | ·05 | — | ·18 | ·32 | | 14 |
| 15 | ·16 | ·28 | ·01 | ·35 | — | — | ·66 | — | ·24 | — | — | ·08 | | 15 |
| 16 | — | ·21 | ·15 | ·62 | — | — | — | ·17 | ·04 | — | ·01 | ·21 | | 16 |
| 17 | ·04 | ·02 | ·13 | ·33 | — | — | — | ·02 | ·09 | — | — | — | | 17 |
| 18 | ·18 | ·20 | ·05 | ·12 | — | — | ·10 | ·19 | — | — | ·47 | ·01 | | 18 |
| 19 | ·03 | ·06 | ·03 | ·40 | ·07 | ·12 | — | ·03 | ·22 | — | ·16 | — | | 19 |
| 20 | ·03 | ·05 | — | ·25 | ·70 | — | ·18 | — | ·02 | — | ·08 | ·10 | | 20 |
| 21 | ·03 | ·28 | ·09 "S" | ·12 | ·02 | — | ·20 | — | ·02 | ·23 | — | ·04 | | 21 |
| 22 | ·09 | ·05 | ·01 "S" | — | ·09 | ·02 | ·03 | — | — | ·15 | ·18 | ·14 | | 22 |
| 23 | ·10 | — | ·03 | — | ·44 | ·03 | ·21 | — | — | ·74 | ·11 | — | | 23 |
| 24 | ·09 | ·33 | ·05 | — | — | — | ·16 | — | ·28 | ·46 | — | ·05 | | 24 |
| 25 | — | ·27 | ·02 | — | — | — | — | ·39 | ·01 | ·08 | — | ·02 | | 25 |
| 26 | — | ·31 | ·12 "S" | — | ·26 | — | — | — | — | ·07 | — | — | | 26 |
| 27 | — | ·94 "S" | ·01 | ·35 | — | — | — | — | — | ·35 | — | ·01 | | 27 |
| 28 | — | ·04 "S" | — | — | — | — | — | — | — | ·11 | — | — | | 28 |
| 29 | ·04 "S" | X | — | — | — | ·03 | — | — | — | ·31 | ·33 | — | | 29 |
| 30 | ·12 "S" | X | — | — | — | ·28 | — | — | ·10 | ·06 | ·38 | — | | 30 |
| 31 | ·16 | X | — | X | — | X | — | ·05 | X | ·03 | X | — | | 31 |
| | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Year's Total | |
| TOTAL | 2·21 | 5·33 | 1·34 | 3·48 | 2·56 | 1·72 | 2·01 | 2·85 | 2·36 | 2·72 | 2·08 | 2·79 | 31·45 | ✓✓ |
| * Days with .01 in. or more. | 18 ✓ | 24 ✓ | 21 ✓ | 17 ✓ | 11 ✓ | 13 ✓ | 15 ✓ | 11 ✓ | 16 ✓ | 12 ✓ | 14 ✓ | 18 ✓ | 190 | ✓✓ |
| * Days with .04 in. or more. | 12 ✓ | 22 ✓ | 11 ✓ | 16 ✓ | 10 ✓ | 7 ✓ | 8 ✓ | 8 ✓ | 9 ✓ | 11 ✓ | 9 ✓ | 15 ✓ | 138 | ✓✓ |

"S" = Snow.

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) John E.C. Hille [P.T.O.

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Section **A** for the entry of Daily Observations

Station No. ~~2815~~ 2816

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FORM 1090

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| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | — | — | — | — | — | ·90 | — | ·45 | ·07 | ·09 | ·19 | ·24 | | 1 |
| 2 | — | ·02 | — | ·23 | — | ·38 | ·02 | — | ·03 | ·39 | ·07 | ·15 | | 2 |
| 3 | ·02 | — | — | — | — | ·02 | ·16 | — | ·19 | ·50 | ·12 | — | | 3 |
| 4 | ·01 | — | — | ·04 | — | ·09 | ·21 | — | — | ·04 | — | ·73 | | 4 |
| 5 | ·08 | — | — | — | — | ·10 | ·13 | 1·73 | ·16 | ·10 | — | ·02 | | 5 |
| 6 | ·20 | ·01 | — | ·01 | — | ·09 | ·38 | — | ·97 | ·15 | ·01 | — | | 6 |
| 7 | ·27 | — | — | — | — | — | ·34 | ·10 | ·03 | ·02 | — | ·01 | | 7 |
| 8 | ·46 | ·04 | — | — | — | — | ·39 | ·38 | — | ·44 | — | ·60 | | 8 |
| 9 | ·02 | ·25 | ·09 | — | — | ·29 | ·07 | 1·40 | — | — | — | ·08 | | 9 |
| 10 | ·14 | ·07 | — | — | — | — | ·45 | — | ·03 | — | — | ·26 | | 10 |
| 11 | ·24 | ·02 | — | — | ·07 | ·04 | ·04 | ·10 | ·06 | ·18 | ·10 | ·09 | | 11 |
| 12 | ·04 | — | — | — | ·22 | — | — | ·02 | — | ·84 | ·40 | — | | 12 |
| 13 | ·02 | — | — | — | ·09 | — | ·04 | ·06 | ·04 | — | ·07 | ·08 | | 13 |
| 14 | ·35 | — | — | — | ·10 | — | ·04 | — | ·01 | — | ·10 | — | | 14 |
| 15 | ·13 | — | — | — | — | ·01 | ·14 | ·17 | — | ·06 | ·03 | ·07 | | 15 |
| 16 | ·14 | — | ·08 | — | — | — | ·13 | ·02 | ·11 | ·50 | ·02 | ·05 | | 16 |
| 17 | — | — | — | — | ·09 | — | ·07 | ·06 | ·05 | ·55 | — | ·06 | | 17 |
| 18 | ·03 | — | — | — | ·06 | ·01 | — | ·27 | — | ·17 | ·30 | — | | 18 |
| 19 | — | — | — | — | — | — | — | ·12 | ·03 | — | ·01 | — | | 19 |
| 20 | ·07 | — | ·08 | — | — | — | — | ·10 | ·02 | — | ·22 | — | | 20 |
| 21 | — | — | ·03 | — | ·01 | ·02 | — | ·29 | ·01 | — | ·33 | ·01 | | 21 |
| 22 | — | — | — | ·01 | ·06 | ·32 | — | ·02 | — | ·01 | ·39 | ·01 | | 22 |
| 23 | — | — | — | — | ·02 | ·21 | — | — | ·20 | — | ·38 | — | | 23 |
| 24 | ·07 | ·07 | ·27 | — | ·13 | — | — | ·64 | ·04 | ·20 | ·22 | — | | 24 |
| 25 | ·01 | ·07 | ·19 | — | — | ·02 | ·14 | — | — | ·38 | ·63 | ·11 | | 25 |
| 26 | ·11 | ·18 | ·34 | — | ·23 | ·33 | — | — | ·08 | ·44 | ·09 | ·15 | | 26 |
| 27 | ·23 | ·04 | — | — | ·65 | ·01 | ·13 | ·21 | ·01 | ·10 | ·31 | — | | 27 |
| 28 | ·11 | ·02 | ·01 | — | — | ·47 | ·27 | ·03 | ·04 | ·02 | ·03 | ·19 | | 28 |
| 29 | ·52 | — | ·01 | — | 1·38 | ·11 | ·15 | — | — | ·19 | ·14 | ·22 | | 29 |
| 30 | ·10 | ✕ | — | — | ·02 | ·03 | — | — | ·54 | — | ·20 | ·22 | | 30 |
| 31 | ·10 | ✕ | — | ✕ | ·36 | ✕ | — | — | ✕ | ·28 | ✕ | ·81 | | 31 |
| TOTAL | 3·47 | ·79 | 1·10 | ·29 | 3·49 | 3·45 | 3·30 | 6·17 | 2·72 | 5·65 | 4·36 | 4·16 | Year's Total 38·95 | ✓ |
| * Days with .01 in. or more. | 24 | 11 | 9 | 4 | 15 | 19 | 19 | 19 | 21 | 22 | 23 | 21 | 207 | ✓ |
| * Days with .04 in. or more. | 18 | 7 | 6 | 2 | 12 | 12 | 18 | 15 | 13 | 19 | 18 | 17 | 157 | ✓ |

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| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·24 | — | ·02 | ·36 | — | — | ·08 | ·02 | ·02 | — | — | ·02 | | 1 |
| 2 | ·05 | — | ·04 | ·13 | — | — | ·02 | ·64 | ·19 | — | — | ·06 | | 2 |
| 3 | ·30 's' | — | ·10 | ·22 | — | — | ·11 | ·08 | ·06 | — | ·07 | ·57 | | 3 |
| 4 | ·28 's' | — | ·08 | ·22 | ·10 | — | ·31 | — | — | ·10 | ·03 | ·40 | | 4 |
| 5 | — | — | — | ·01 | ·29 | — | ·37 | ·04 | — | ·03 | ·43 | — | | 5 |
| 6 | ·86 | ·03 | — | — | — | — | ·34 | — | — | — | ·04 | — | | 6 |
| 7 | — | ·17 | — | — | ·02 | — | ·13 | — | — | — | ·11 | ·41 | | 7 |
| 8 | ·07 | ·20 | ·27 | — | — | — | ·68 | — | — | ·20 | ·24 | ·15 | | 8 |
| 9 | ·08 | ·11 | — | ·02 | — | — | — | ·33 | ·06 | ·35 | — | ·47 | | 9 |
| 10 | ·32 's' | — | ·01 | — | — | ·06 | — | ·16 | ·27 | ·07 | ·03 | ·28 | | 10 |
| 11 | ·34 | ·06 | ·31 | — | — | ·21 | — | — | — | ·04 | — | — | | 11 |
| 12 | ·54 | ·03 | — | — | — | ·23 | — | — | ·03 | — | — | — | | 12 |
| 13 | ·04 | — | ·04 | ·23 | ·28 | ·13 | ·34 | — | ·39 | ·08 | ·04 | — | | 13 |
| 14 | ·45 | — | — | ·02 | ·17 | ·53 | ·14 | — | — | ·04 | ·42 | — | | 14 |
| 15 | ·14 | ·02 | ·02 | ·28 | ·09 | ·78 | ·32 | — | — | — | ·20 | — | | 15 |
| 16 | ·03 | — | ·12 | — | ·28 | — | ·18 | — | — | ·09 | ·14 | — | | 16 |
| 17 | ·57 | ·04 | — | — | ·16 | ·12 | — | — | — | ·49 | ·02 | — | | 17 |
| 18 | ·08 | ·10 | ·04 | — | — | ·19 | ·07 | — | — | — | ·93 | — | | 18 |
| 19 | ·25 | — | — | — | — | — | ·45 | — | — | — | ·05 | — | | 19 |
| 20 | ·14 | — | — | — | — | ·08 | ·06 | ·02 | — | — | — | — | | 20 |
| 21 | ·06 | — | ·38 | ·04 | ·04 | — | — | ·05 | ·11 | — | — | — | | 21 |
| 22 | ·11 | ·43 | ·08 | ·15 | — | — | ·12 | — | — | ·03 | ·66 | — | | 22 |
| 23 | ·06 | ·39 | ·05 | ·13 | — | ·11 | ·06 | — | — | ·50 | ·12 | — | | 23 |
| 24 | — | ·10 | — | — | — | ·02 | ·08 | — | — | ·25 | ·01 | — | | 24 |
| 25 | ·09 | ·12 | — | ·37 | — | — | — | — | — | ·01 | ·48 | ·02 | | 25 |
| 26 | — | — | — | — | — | — | — | ·01 | — | — | ·14 | — | | 26 |
| 27 | — | ·82 | ·04 | — | — | ·24 | ·15 | ·03 | — | — | ·10 | ·23 's' | | 27 |
| 28 | — | ·08 | ·12 | ·05 | — | ·06 | ·35 | — | — | — | ·49 | — | | 28 |
| 29 | — | × | — | ·08 | — | — | 1·12 | ·06 | — | ·06 | ·08 | — | | 29 |
| 30 | — | × | — | — | — | ·14 | ·22 | — | — | — | ·05 | ·05 | | 30 |
| 31 | — | × | — | × | — | × | ·06 | — | × | — | × | — | | 31 |
| TOTAL | ✓ 5·10 | ✓ 2·70 | ✓ 1·72 | ✓ 2·31 | ✓ 1·43 | ✓ 2·90 | ✓ 5·76 | ✓ 1·44 | ✓ 1·13 | ✓ 2·34 | ✓ 4·88 | ✓ 2·66 | Year's Total 34·37 | ✓ |
| * Days with .01 in. or more. | 22✓ | 15✓ | 16✓ | 15✓ | 9✓ | 14✓ | 23✓ | 11✓ | 8✓ | 15✓ | 23✓ | 11✓ | 182 | ✓ |
| * Days with .04 in. or more. | 21✓ | 12✓ | 13✓ | 12✓ | 8✓ | 13✓ | 22✓ | 7✓ | 6✓ | 12✓ | 19✓ | 9✓ | 154 | ✓ |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) ............................................

[P.T.O.

COPY FOR OFFICIAL USE

**Section** **A** for the entry of Daily Observations

Station No. 281~~7~~6

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

Form 1090

# REGISTER OF RAINFALL IN 19~~3~~40.

*Kept at* RATHBONE RD. DEPÔT, LIVERPOOL

*in the County of* LANCASTER

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 198 ft.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | — | ·01 | — | ·05 | — | — | — | — | ·01 | — | ·19 | ·07 | | 1 |
| 2 | — | ·05 | — | ·20 | — | — | ·12 | — | — | — | ·21 | ·21 | | 2 |
| 3 | — | ·09 | ·02 | ·25 | — | — | ·13 | — | — | ·01 | ·05 | ·05 | | 3 |
| 4 | — | ·13 | — | — | — | — | ·04 | — | — | ·12 | ·18 | ·06 | | 4 |
| 5 | — | — | — | — | ·18 | — | ·14 | — | — | ·20 | ·20 | ·05 | | 5 |
| 6 | ·12 | ·26 | — | — | — | — | ·03 | — | — | ·99 | ·09 | ·07 | | 6 |
| 7 | — | ·29 | — | ·18 | ·05 | — | ·08 | ·02 | ·12 | ·09 | — | ·02 | | 7 |
| 8 | ·01 | — | — | — | — | — | — | — | ·14 | ·18 | ·01 | ·25 | | 8 |
| 9 | — | — | ·27 | ·01 | — | — | ·75 | ·02 | ·08 | ·43 | 1·07 | ·20 | | 9 |
| 10 | — | — | ·05 | — | — | — | ·26 | ·08 | — | ·42 | ·17 | ·25 | | 10 |
| 11 | — | — | ·04 | ·04 | — | — | ·12 | — | — | — | 1·10 | ·05 | | 11 |
| 12 | — | — | ·27 | — | — | ·22 | ·76 | ·14 | ·40 | — | ·17 | — | | 12 |
| 13 | — | ·01 | ·33's | ·01 | — | — | — | ·05 | ·50 | — | ·08 | ·02 | | 13 |
| 14 | — | — | ·01 | ·12 | ·11 | — | — | ·09 | ·53 | — | ·36 | ·09 | | 14 |
| 15 | — | — | — | ·07 | ·92 | — | — | — | ·03 | ·01 | ·05 | ·04 | | 15 |
| 16 | — | ·14 | ·26 | — | — | — | ·23 | — | ·84 | ·38 | ·24 | ·15 | | 16 |
| 17 | — | — | ·72 | ·02 | — | — | ·03 | — | ·03 | — | ·61 | ·01 | | 17 |
| 18 | ·04's | ·30 | ·15 | ·24 | — | — | — | ·34 | ·33 | ·02 | — | ·25 | | 18 |
| 19 | — | ·25 | ·11 | ·01 | — | ·01 | ·09 | — | ·26 | — | ·15 | — | | 19 |
| 20 | — | — | — | ·28 | — | — | ·37 | ·03 | ·09 | ·40 | ·09 | — | | 20 |
| 21 | — | — | ·06 | — | ·02 | ·41 | ·02 | ·04 | — | — | ·67 | — | | 21 |
| 22 | — | ·01 | ·04 | — | ·17 | ·13 | — | ·08 | ·10 | ·01 | — | — | | 22 |
| 23 | ·10's | ·06 | — | ·19 | — | — | ·07 | — | ·18 | — | ·11 | — | | 23 |
| 24 | ·20 | — | ·11 | — | ·02 | — | ·02 | — | — | — | — | — | | 24 |
| 25 | ·02 | — | — | — | ·39 | — | — | — | ·01 | — | — | — | | 25 |
| 26 | ·21's | — | — | ·02 | ·08 | — | ·17 | ·03 | — | — | ·07 | — | | 26 |
| 27 | ·54's | ·50 | — | — | — | — | ·02 | — | — | — | ·10 | ·01 | | 27 |
| 28 | ·38's | ·11 | — | — | ·22 | — | — | ·03 | — | — | — | ·01 | | 28 |
| 29 | ·06 | — | ·38 | ·06 | — | ·30 | ·11 | — | — | ·05 | — | ·47 | | 29 |
| 30 | ·03's | ✕ | — | ·27 | ·05 | — | — | — | — | ·27 | ·01 | ·09 | | 30 |
| 31 | ·06's | ✕ | ·06 | ✕ | ·01 | ✕ | — | ·07 | ✕ | ·87 | ✕ | ·03 | | 31 |
| Total | 1·77 | 2·21 | 2·88 | 2·02 | 2·22 | 1·07 | 3·56 | 1·02 | 3·65 | 4·45 | 5·98 | 2·45 | Year's Total 33·28 | |
| * Days with .01 in. or more. | 12 | 14 | 16 | 17 | 12 | 5 | 20 | 13 | 16 | 16 | 23 | 22 | 186 | |
| * Days with .04 in. or more. | 9 | 11 | 14 | 12 | 9 | 4 | 15 | 8 | 12 | 12 | 21 | 16 | 143 | |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) ........................................

[P.T.O.]

2817

Section **A** for the entry of D

AIR MINISTRY.

FORM 1090.

# REGIST

Y FOR OFFICIAL USE.

RGANIZATION.

2817

LIVERPOOL, BRECKSIDE PARK

1931 ———— 40

7P0501

*Kept at* LIVERPOOL CORPORATION L

*in the County of* LANCAS

Diameter of Funnel of Gauge 5

Height of top of Gauge above Ground

,, Ground ,, Sea Lev

**THE MORNING MEASUR**

*An observer who does not conform to th*
*year in the space on the right of this*

P

*wing*

Jan. 1, following

| Date | Jan. | Feb. | March | A | | | | | | | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·48 | — | — | ·15 | — | — | — | ·04 | ·01 | ·06 | — | — | 1 |
| 2 | — | ·04 | — | ·44 | ·01 | ·54 | — | — | ·52 | ·08 | ·05 | ·09 | 2 |
| 3 | ·06 | — | — | — | — | ·11 | ·26 | — | 1·23 | ·05 | ·36 | ·03 | 3 |
| 4 | — | — | ·01 | ·15 | — | — | ·03 | ·22 | 0·35 | — | ·11 | ·07 | 4 |
| 5 | — | ·04 | — | ·01 | ·15 | ·73 | ·12 | 1·19 | ·02 | — | — | ·25 | 5 |
| 6 | — | ·22 | — | — | ·02 | ·44 | — | ·06 | ·38 | ·56 | ·07 | — | 6 |
| 7 | — | ·02 | — | — | — | ·27 | — | ·58 | — | ·09 | ·09 | ·03 | 7 |
| 8 | ·06 | ·07 | — | ·11 | — | ·05 | ·07 | ·35 | — | — | ·10 | ·13 | 8 |
| 9 | ·07 | ·19 | — | ·06 | ·01 | ·08 | — | ·35 | ·15 | ·06 | ·15 | ·02 | 9 |
| 10 | — | ·04 | — | — | ·20 | ·26 | — | ·04 | ·14 | — | ·31 | — | 10 |
| 11 | ·33 | ·06 | — | — | — | — | ·09 | — | ·47 | — | ·36 | ·03 | 11 |
| 12 | ·05 | ·06 | — | — | — | — | ·64 | ·15 | ·07 | ·04 | — | — | 12 |
| 13 | — | — | ·04 | — | ·07 | ·03 | ·05 | ·38 | — | — | — | — | 13 |
| 14 | ·02 | ·13 | — | — | — | 1·25 | — | ·75 | ·13 | — | ·64 | ·02 | 14 |
| 15 | ·08 | ·18 | — | ·20 | ·16 | — | ·13 | ·29 | ·02 | — | — | ·20 | 15 |
| 16 | ·08 | ·04 | — | ·12 | ·07 | ·01 | ·09 | ·53 | ·23 | — | — | — | 16 |
| 17 | ·02 | — | — | ·09 | ·19 | — | ·08 | ·25 | ·07 | — | ·23 | — | 17 |
| 18 | ·23 | — | — | — | — | ·28 | ·48 | ·17 | — | — | ·41 | — | 18 |
| 19 | ·11 | ·22 | — | — | — | ·05 | — | 1·00 | — | ·02 | — | — | 19 |
| 20 | — | ·12 | ·16 | — | — | ·04 | ·09 | ·09 | — | — | ·03 | ·01 | 20 |
| 21 | ·34 | — | — | ·02 | ·25 | — | — | ·19 | — | — | ·03 | — | 21 |
| 22 | ·06 | — | — | ·07 | ·05 | ·04 | ·02 | — | — | — | ·08 | — | 22 |
| 23 | ·22 | — | — | ·15 | ·21 | ·17 | ·03 | — | — | — | ·17 | ·25 | 23 |
| 24 | ·03 | ·01 | — | ·12 | ·28 | — | ·06 | — | — | — | ·03 | ·18 | 24 |
| 25 | ·29 | ·48 | — | ·61 | ·04 | — | — | — | — | — | ·05 | ·04 | 25 |
| 26 | ·03 | ·01 | — | ·11 | — | — | — | — | — | — | ·87 | ·04 | 26 |
| 27 | ·21 | ·13 | — | ·13 | ·31 | ·02 | ·05 | — | — | ·37 | ·69 | ·03 | 27 |
| 28 | ·32 | ·33 | ·02 | — | ·18 | — | ·06 | — | — | ·09 | — | ·13 | 28 |
| 29 | ·12 | × | ·05 | — | — | — | ·06 | — | — | ·54 | ·01 | — | 29 |
| 30 | ·02 | × | — | ·01 | — | — | — | — | ·06 | — | — | ·04 | 30 |
| 31 | ·16 | × | — | × | — | × | ·16 | — | × | ·01 | × | ·04 | 31 |
| TOTAL | 3·39 | 2·39 | ·28 | 2·55 | 2·20 | 4·37 | 2·57 | 6·63 | 3·85 | 1·97 | 4·84 | 1·63 | YEAR'S TOTAL 36·67 |
| *Days with ·01 in. or more. | 23 | 19 | 5 | 17 | 16 | 17 | 19 | 18 | 15 | 12 | 21 | 19 | 201 |
| *Days with ·04 in. or more. | 18 | 16 | 3 | 14 | 13 | 14 | 16 | 18 | 12 | 10 | 17 | 12 | 163 |

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) J. Hawkinson

P.T.O.

2817

**Section** **A** for the entry of D Y FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1931.

*Kept at* Liverpool Corporation Depôt, Breckside Park, Liverpool.
*in the County of* Lancaster.

Diameter of Funnel of Gauge 5 in. Type A
Height of top of Gauge above Ground 2 ft. 9 in.
,, Ground ,, Sea Level 131·87 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·48 | – | – | ·15 | – | – | – | ·04 | ·01 | ·06 | – | – | 1 |
| 2 | – | ·04 | – | ·44 | ·01 | ·54 | – | – | ·52 | ·08 | ·05 | ·09 | 2 |
| 3 | ·06 | – | – | – | – | ·11 | ·26 | – | 1·23 | ·05 | ·36 | ·03 | 3 |
| 4 | – | – | ·01 | ·15 | – | – | ·03 | ·22 | 0·35 | – | ·11 | ·07 | 4 |
| 5 | – | ·04 | – | ·01 | ·15 | ·73 | ·12 | 1·19 | ·02 | – | – | ·25 | 5 |
| 6 | – | ·22 | – | – | ·02 | ·44 | – | ·06 | ·38 | ·56 | ·07 | – | 6 |
| 7 | – | ·02 | – | – | – | ·27 | – | ·58 | – | ·09 | ·09 | ·03 | 7 |
| 8 | ·06 | ·07 | – | ·11 | – | ·05 | ·07 | ·35 | – | – | ·10 | ·13 | 8 |
| 9 | ·07 | ·19 | – | ·06 | ·01 | ·08 | – | ·35 | ·15 | ·06 | ·15 | ·02 | 9 |
| 10 | – | ·04 | – | – | ·20 | ·26 | – | ·04 | ·14 | – | ·31 | – | 10 |
| 11 | ·33 | ·06 | – | – | – | – | ·09 | – | ·47 | – | ·36 | ·03 | 11 |
| 12 | ·05 | ·06 | – | – | – | – | ·64 | ·15 | ·07 | ·04 | – | – | 12 |
| 13 | – | – | ·04 | – | ·07 | ·03 | ·05 | ·38 | – | – | – | – | 13 |
| 14 | ·02 | ·13 | – | – | – | 1·25 | – | ·75 | ·13 | – | ·64 | ·02 | 14 |
| 15 | ·08 | ·18 | – | ·20 | ·16 | – | ·13 | ·29 | ·02 | – | – | ·20 | 15 |
| 16 | ·08 | ·04 | – | ·12 | ·07 | ·01 | ·09 | ·53 | ·23 | – | – | – | 16 |
| 17 | ·02 | – | – | ·09 | ·19 | – | ·08 | ·25 | ·07 | – | ·23 | – | 17 |
| 18 | ·23 | – | – | – | – | ·28 | ·48 | ·17 | – | – | ·41 | – | 18 |
| 19 | ·11 | ·22 | – | – | – | ·05 | – | 1·00 | – | ·02 | – | – | 19 |
| 20 | – | ·12 | ·16 | – | – | ·04 | ·09 | ·09 | – | – | ·03 | ·01 | 20 |
| 21 | ·34 | – | – | ·02 | ·25 | – | – | ·19 | – | – | ·03 | – | 21 |
| 22 | ·06 | – | – | ·07 | ·05 | ·04 | ·02 | – | – | – | ·08 | – | 22 |
| 23 | ·22 | – | – | ·15 | ·21 | ·17 | ·03 | – | – | – | ·17 | ·25 | 23 |
| 24 | ·03 | ·01 | – | ·12 | ·28 | – | ·06 | – | – | – | ·03 | ·18 | 24 |
| 25 | ·29 | ·48 | – | ·61 | ·04 | – | – | – | – | – | ·05 | ·04 | 25 |
| 26 | ·03 | ·01 | – | ·11 | – | – | – | – | – | – | ·87 | ·04 | 26 |
| 27 | ·21 | ·13 | – | ·13 | ·31 | ·02 | ·05 | – | – | ·37 | ·69 | ·03 | 27 |
| 28 | ·32 | ·33 | ·02 | – | ·18 | – | ·06 | – | – | ·09 | – | ·13 | 28 |
| 29 | ·12 | × | ·05 | – | – | – | ·06 | – | – | ·54 | ·01 | – | 29 |
| 30 | ·02 | × | – | ·01 | – | – | – | – | ·06 | – | – | ·04 | 30 |
| 31 | ·16 | × | – | × | – | × | ·16 | – | × | ·01 | × | ·04 | 31 |
| TOTAL | 3·39 | 2·39 | ·28 | 2·55 | 2·20 | 4·37 | 2·57 | 6·63 | 3·85 | 1·97 | 4·84 | 1·63 | YEAR'S TOTAL<br>36·67 |
| *Days with ·01 in. or more. | 23 | 19 | 5 | 17 | 16 | 17 | 19 | 18 | 15 | 12 | 21 | 19 | 201 |
| *Days with ·04 in. or more. | 18 | 16 | 3 | 14 | 13 | 14 | 16 | 18 | 12 | 10 | 17 | 12 | 163 |

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*See Instruction 2 (*f*) on other side.

(*Signed*) J Rawlinson

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2817

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1932.

*Kept at* Corporation Depôt, Breckside Park, Liverpool.

*in the County of* Lancaster.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground — ft 9 in.

,, Ground ,, Sea Level 131·87 ft.

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·32 | ·03 | — | ·25 | ·79 | — | ·01 | ·07 | ·11 | ·03 | ·06 | ·16 | 1 |
| 2 | ·16 | — | — | — | ·33 | — | ·04 | ·06 | ·39 | ·25 | ·06 | ·12 | 2 |
| 3 | — | ·01 | — | ·07 | — | — | ·05 | ·04 | ·12 | ·03 | ·05 | ·07 | 3 |
| 4 | — | — | — | — | — | — | ·10 | — | — | ·37 | ·04 | ·07 | 4 |
| 5 | ·56 | — | ·12 | ·06 | ·04 | — | — | ·06 | ·10 | — | — | ·01 | 5 |
| 6 | ·74 | — | ·14 | ·29 | — | — | ·02 | — | ·21 | — | — | — | 6 |
| 7 | ·07 | — | ·19 | ·15 | ·03 | — | — | — | ·62 | ·57 | — | — | 7 |
| 8 | — | — | — | ·07 | ·01 | — | — | — | ·38 | ·35 | — | — | 8 |
| 9 | ·16 | — | — | ·10 | ·05 | — | — | — | ·11 | — | ·08 | ·02 | 9 |
| 10 | ·11 | — | — | ·06 | — | — | — | — | ·34 | ·43 | 02 | — | 10 |
| 11 | ·01 | — | — | ·02 | ·45 | ·08 | ·42 | — | — | — | — | — | 11 |
| 12 | ·08 | — | — | — | ·34 | — | ·67 | ·01 | ·02 | ·31 | — | — | 12 |
| 13 | — | — | — | ·06 | ·08 | — | ·41 | ·05 | ·17 | ·29 | — | ·08 | 13 |
| 14 | ·17 | — | — | ·19 | — | — | ·27 | ·06 | — | ·11 | ·20 | ·12 | 14 |
| 15 | — | — | — | — | ·45 | — | — | — | — | ·08 | ·05 | — | 15 |
| 16 | ·08 | — | — | ·05 | — | — | — | — | — | ·04 | — | ·03 | 16 |
| 17 | — | — | — | — | — | — | ·27 | ·04 | ·02 | ·13 | — | ·01 | 17 |
| 18 | — | — | — | — | ·04 | — | ·01 | — | ·02 | ·02 | ·05 | — | 18 |
| 19 | — | — | — | ·16 | ·04 | — | ·05 | — | ·03 | ·24 | — | ·07 | 19 |
| 20 | — | — | — | ·08 | ·26 | — | ·04 | ·29 | — | ·23 | ·09 | ·03 | 20 |
| 21 | ·04 | — | ·21 | — | ·28 | — | — | ·23 | — | ·64 | ·20 | — | 21 |
| 22 | — | — | ·05 | ·06 | ·16 | — | ·14 | — | — | ·04 | ·61 | ·01 | 22 |
| 23 | — | — | — | — | ·24 | — | ·05 | — | — | ·15 | ·11 | — | 23 |
| 24 | ·10 | — | — | — | ·06 | — | ·64 | — | ·21 | — | ·26 | — | 24 |
| 25 | — | — | — | ·04 | — | — | ·08 | — | ·23 | ·68 | ·08 | — | 25 |
| 26 | — | — | ·02 | ·03 | ·25 | — | ·07 | — | ·25 | ·16 | ·03 | — | 26 |
| 27 | — | — | ·67 | ·39 | ·10 | ·19 | ·11 | — | — | ·04 | ·02 | ·05 | 27 |
| 28 | — | — | ·07 | ·12 | ·22 | — | ·29 | ·01 | — | — | — | ·02 | 28 |
| 29 | ·03 | — | ·48 | ·68 | ·08 | ·10 | ·05 | ·01 | ·18 | ·58 | ·34 | ·26 | 29 |
| 30 | — | × | ·09 | ·17 | — | ·13 | ·03 | ·10 | ·07 | ·40 | ·39 | ·05 | 30 |
| 31 | — | × | ·05 | × | — | × | 1·41 | ·01 | × | ·02 | × | ·09 | 31 |
| TOTAL | 2·63 | ·04 | 2·09 | 3·04 | 4·30 | ·50 | 5·23 | 1·04 | 3·58 | 6·19 | 2·74 | 1·27 | YEAR'S TOTAL 32·65 |
| *Days with ·01 in. or more. | 14 | 2 | 11 | 21 | 21 | 4 | 23 | 14 | 19 | 25 | 19 | 18 | 191 |
| *Days with .04 in. or more. | 12 | — | 10 | 19 | 19 | 4 | 19 | 10 | 15 | 21 | 16 | 11 | 156 |

40-9999

*See Instruction 2 (*f*) on other side.

(Signed)

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 2817

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1933.

*Kept at* CORPORATION DEPÔT, BRECK SIDE PARK, LIVERPOOL

*in the County of* LANCASTER

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground – ft. 9 in.

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·01 | ·10 | ·11 | — | — | — | — | — | ·03 | — | ·11 | — | | 1 |
| 2 | ·05 | — | ·16 | ·05 | ·03 | ·07 | — | ·02 | — | — | — | — | | 2 |
| 3 | — | ·47 | ·19 | — | ·18 | — | — | — | — | — | — | — | | 3 |
| 4 | ·34 | ·01 | ·07 | — | ·12 | — | — | — | — | — | ·05 | — | | 4 |
| 5 | ·12 | ·04 | ·06 | — | ·12 | — | — | — | — | — | ·05 | — | | 5 |
| 6 | — | ·20 | ·12 | — | ·10 | — | — | — | — | — | ·03 | — | | 6 |
| 7 | ·04 | ·39 | — | — | ·02 | — | ·19 | ·02 | — | ·44 | — | ·01 | | 7 |
| 8 | ·10 | ·01 | ·15 | ·04 | ·04 | — | ·09 | — | — | — | ·02 | ·04 | | 8 |
| 9 | — | ·37 | — | ·02 | ·01 | — | ·45 | — | — | ·35 | ·15 | — | | 9 |
| 10 | ·06 | ·16 | — | — | — | ·17 | ·03 | — | — | 1·01 | ·03 | — | | 10 |
| 11 | ·06 | — | — | — | ·01 | — | ·21 | — | — | ·17 | — | ·22 'S' | | 11 |
| 12 | ·07 | ·02 | — | — | — | ·05 | ·27 | — | — | ·08 | ·03 | ·05 'S' | | 12 |
| 13 | ·01 | — | — | — | ·12 | — | ·09 | ·19 | — | ·24 | ·31 | — | | 13 |
| 14 | ·18 | — | — | — | — | — | ·09 | ·05 | — | — | ·36 | — | | 14 |
| 15 | ·12 | — | ·03 | — | ·02 | — | — | ·04 | — | ·48 | ·18 | ·03 | | 15 |
| 16 | ·14 'S' | ·02 | ·12 | — | ·06 | ·22 | — | ·03 | — | ·21 | ·02 | ·03 | | 16 |
| 17 | ·21 | — | ·43 | — | — | ·38 | — | ·08 | ·07 | — | ·01 | — | | 17 |
| 18 | ·05 | — | ·16 | — | — | ·18 | — | ·04 | — | — | ·05 | ·01 | | 18 |
| 19 | — | ·01 | ·21 | — | — | ·01 | — | ·06 | ·09 | — | ·20 | ·04 | | 19 |
| 20 | — | ·11 | — | — | ·33 | ·06 | — | ·50 | ·04 | — | — | — | | 20 |
| 21 | — | — | — | — | — | ·18 | — | ·04 | — | — | — | — | | 21 |
| 22 | — | — | — | ·07 | — | — | — | ·14 | — | ·05 | — | — | | 22 |
| 23 | — | — | — | ·26 | — | ·24 | — | — | ·07 | ·05 | — | — | | 23 |
| 24 | — | ·26 'S' | — | ·12 | ·14 | ·28 | — | — | ·41 | ·02 | — | — | | 24 |
| 25 | — | ·28 | — | ·27 | — | — | — | — | ·12 | — | — | ·17 | | 25 |
| 26 | — | ·76 | — | ·15 | — | — | — | — | — | ·23 | — | ·01 | | 26 |
| 27 | — | — | — | — | ·26 | — | — | — | — | ·03 | — | — | | 27 |
| 28 | — | — | — | — | — | — | ·06 | ·50 | — | ·01 | — | — | | 28 |
| 29 | ·02 | X | — | — | — | — | — | ·05 | — | — | — | ·05 | | 29 |
| 30 | ·08 | X | ·05 | ·15 | — | ·03 | ·05 | — | — | ·26 | — | ·12 | | 30 |
| 31 | ·04 | X | ·07 | X | — | X | ·01 | ·02 | X | ·16 | X | ·05 | | 31 |
| TOTAL | 1·70 | 3·21 | 1·93 | 1·13 | 1·56 | 1·87 | 1·54 | 1·78 | ·83 | 3·79 | 1·60 | ·83 | Year's Total<br>21·77 | |
| *Days with ·01 in. or more. | 18 | 16 | 14 | 9 | 15 | 12 | 11 | 15 | 7 | 16 | 15 | 13 | 161 | |
| *Days with .04 in. or more. | 15 | 11 | 13 | 8 | 10 | 10 | 9 | 11 | 6 | 13 | 9 | 8 | 123 | |

"S" = SNOW.

40-9999

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) Molyneux
for City Engineer

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2817

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1934.

*Kept at* CORPORATION DEPÔT, BRECK SIDE PARK
*in the County of* LANCASTER. LIVERPOOL

Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground ft. 9 in.
,, Ground ,, Sea Level 131·87 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·10 | – | ·01 | – | – | – | – | ·15 | ·23 | ·04 | ·51 "S" | ·62 | | 1 |
| 2 | ·01 | – | ·12 | – | – | – | – | ·47 | ·06 | – | ·17 | ·21 | | 2 |
| 3 | ·16 | – | – | – | – | – | – | – | – | ·12 | ·07 | ·15 | | 3 |
| 4 | ·13 | – | ·06 | ·01 | ·11 | – | – | ·10 | ·07 | ·59 | – | ·74 | | 4 |
| 5 | – | – | ·02 | – | ·02 | – | – | ·70 | – | ·04 | ·03 | ·01 | | 5 |
| 6 | – | – | ·05 | ·02 | ·21 | – | – | – | – | ·17 | – | ·14 | | 6 |
| 7 | ·33 | – | ·09 | ·06 | ·05 | – | – | – | – | ·08 | ·16 | ·21 | | 7 |
| 8 | – | – | – | – | ·18 | ·08 | – | ·05 | – | ·28 | ·57 | ·01 | | 8 |
| 9 | – | – | ·14 | – | – | – | – | ·10 | – | – | ·34 | ·01 | | 9 |
| 10 | – | – | ·14 | ·29 | – | – | – | ·44 | – | ·07 | – | ·01 | | 10 |
| 11 | ·03 | – | ·01 | ·41 | – | – | – | ·12 | – | – | ·07 | ·15 | | 11 |
| 12 | – | – | ·03 | ·07 | – | – | – | ·09 | – | ·05 | ·01 | – | | 12 |
| 13 | ·20 | – | ·01 | ·02 | ·02 | – | ·37 | – | – | ·05 | – | ·01 | | 13 |
| 14 | ·13 | – | ·23 | – | ·03 | ·02 | – | – | – | ·16 | ·05 | ·09 | | 14 |
| 15 | ·07 | – | ·13 | – | ·50 | – | – | ·09 | ·10 | ·12 | ·02 | ·22 | | 15 |
| 16 | ·33 | – | ·05 | – | ·04 | – | – | ·01 | – | ·19 | ·02 | ·02 | | 16 |
| 17 | ·09 | – | ·14 | ·04 | ·25 | – | ·10 | – | ·07 | ·09 | – | ·12 | | 17 |
| 18 | ·15 | – | ·02 | ·11 | ·33 | ·24 | – | ·02 | – | ·04 | – | ·13 | | 18 |
| 19 | – | – | ·14 | – | ·05 | ·17 | – | ·02 | ·37 | ·11 | – | ·06 | | 19 |
| 20 | – | – | ·02 | ·07 | ·09 | ·05 | – | – | ·17 | ·01 | – | – | | 20 |
| 21 | ·03 | – | ·07 | ·01 | – | ·29 | – | ·05 | ·26 | ·12 | – | – | | 21 |
| 22 | ·05 | – | ·04 | – | – | ·02 | – | ·06 | ·21 | ·15 | ·01 | ·09 | | 22 |
| 23 | – | – | ·04 | ·38 | ·01 | ·34 | ·37 | ·07 | ·02 | ·22 | ·04 | ·03 | | 23 |
| 24 | – | ·20 | ·01 | ·03 | ·02 | ·06 | ·06 | – | ·14 | ·09 | – | – | | 24 |
| 25 | – | – | – | ·05 | – | – | ·01 | – | ·13 | ·06 | – | ·41 | | 25 |
| 26 | ·09 | – | ·02 | ·11 | – | ·10 | ·02 | – | ·04 | ·02 | – | ·01 | | 26 |
| 27 | – | – | – | ·01 | – | ·09 | ·10 | – | – | ·10 | ·02 | ·22 | | 27 |
| 28 | – | – | – | ·04 | – | – | ·01 | ·93 | ·09 | ·08 | – | ·79 | | 28 |
| 29 | ·01 | × | – | – | – | – | ·13 | – | ·20 | 1·01 | – | ·05 | | 29 |
| 30 | ·18 | × | – | – | – | – | ·01 | ·03 | ·24 | ·81 "S" | – | ·01 | | 30 |
| 31 | – | × | – | × | – | × | – | ·03 | × | ·25 "S" | × | ·15 | | 31 |
| TOTAL | 2·09 | ·20 | 1·59 | 1·73 | 1·91 | 1·46 | 1·18 | 3·53 | 2·40 | 5·12 | 2·09 | 4·67 | Year's Total. 27·97 | |
| * Days with .01 in. or more. | 17 | 1 | 23 | 17 | 15 | 11 | 10 | 19 | 16 | 28 | 15 | 27 | 199 | |
| * Days with .04 in. or more. | 13 | 1 | 14 | 11 | 10 | 9 | 6 | 14 | 15 | 26 | 9 | 18 | 146 | |

40-9999 "S" = Snow + Hail Stones

† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(*Signed*)

[P.T.O.

COPY FOR OFFICIAL USE. ✓

Section **A** for the entry of Daily Observations. Station No. 2817

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1935.

*Kept at* BRECKSIDE PARK DEPÔT, LIVERPOOL
*in the County of* LANCASTER
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground — ft. 9 in.
,, Ground ,, Sea Level 131·87 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

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Jan. 1, following

Please read the Notes and Instructions Overleaf.

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |  | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † |  |
| 1 | ·18 | ·08 | — | — | — | ·02 | ·33 | — | ·64 | ·18 | ·05 | ·14 |  | 1 |
| 2 | ·01 | ·08 | — | — | — | ·08 | — | — | — | ·02 | ·02 | ·21 |  | 2 |
| 3 | ·06 | ·38 | ·15 | ·06 | — | ·21 | — | — | ·18 | ·01 | ·12 | ·20 |  | 3 |
| 4 | — | ·08 | ·01 | — | — | ·07 | — | — | ·05 | ·15 | — | — |  | 4 |
| 5 | — | ·26 | ·14 | ·11 | — | — | — | — | ·23 | ·07 | ·24 | ·23 |  | 5 |
| 6 | — | — | — | ·12 | — | ·12 | — | — | — | — | — | — |  | 6 |
| 7 | — | — | — | ·03 | — | ·05 | — | — | — | ·14 | ·12 | ·35 |  | 7 |
| 8 | — | — | — | ·10 | — | — | — | ·02 | — | ·09 | ·18 | — |  | 8 |
| 9 | ·06 | ·02 | — | ·19 | — | ·06 | — | — | — | 1·56 | ·04 | — |  | 9 |
| 10 | — | ·08 | — | — | — | ·09 | — | — | — | ·17 | ·02 | — |  | 10 |
| 11 | ·44 | — | — | — | — | ·22 | — | ·04 | — | ·05 | ·08 | — |  | 11 |
| 12 | ·03 | ·09 | — | — | — | ·15 | — | — | ·01 | — | — | — |  | 12 |
| 13 | ·18 | ·04 | — | ·07 | ·20 | ·04 | — | — | ·14 | ·03 | ·04 | — |  | 13 |
| 14 | ·05 | — | — | — | — | ·06 | ·90 | — | ·05 | — | ·55 | ·26 "S" |  | 14 |
| 15 | — | ·34 | — | ·40 | ·03 | — | ·09 | — | ·13 | — | — | ·78 |  | 15 |
| 16 | ·02 | ·23 | ·04 | ·14 | ·23 | ·09 | ·10 | — | ·65 | — | ·56 | — |  | 16 |
| 17 | — | — | — | ·15 | ·70 "S" | ·38 | 1·59 | ·49 | ·01 | ·04 | ·58 | — |  | 17 |
| 18 | — | — | — | ·11 | ·30 | ·07 | ·02 | — | ·43 | ·07 | ·03 | — |  | 18 |
| 19 | — | ·01 | — | ·24 | ·26 | ·35 | ·13 | — | — | ·02 | ·13 | ·03 |  | 19 |
| 20 | — | ·30 | — | ·20 | — | ·09 | — | — | — | — | ·12 | — |  | 20 |
| 21 | ·01 | ·20 | — | — | — | — | — | — | ·74 | ·09 | — | ·09 |  | 21 |
| 22 | — | ·27 | ·03 | — | — | — | — | — | — | — | — | — |  | 22 |
| 23 | ·07 | ·08 | ·35 | — | — | — | — | ·07 | ·13 | ·61 | — | ·01 |  | 23 |
| 24 | ·22 | ·25 | ·12 | — | — | — | — | — | ·39 | ·04 | ·01 | ·19 "S" |  | 24 |
| 25 | ·15 | ·05 | ·05 | — | — | ·03 | — | — | — | — | ·09 | ·02 |  | 25 |
| 26 | — | ·05 | — | — | — | — | — | ·69 | ·40 | ·02 | ·03 | ·14 |  | 26 |
| 27 | — | ·02 | — | — | ·07 | ·16 | ·10 | ·03 | ·19 | ·19 | ·32 | ·02 |  | 27 |
| 28 | ·06 | ·09 | — | — | — | — | — | ·71 | ·28 | ·25 | ·05 | — |  | 28 |
| 29 | — | × | ·06 | — | — | ·07 | — | ·13 | ·45 | ·05 | ·08 | ·06 |  | 29 |
| 30 | ·05 | × | — | ·01 | — | ·36 | — | ·10 | ·11 | ·18 | ·42 | ·07 |  | 30 |
| 31 | ·04 | × | — | × | — | × | — | — | × | ·10 | × | ·66 |  | 31 |
|  |  |  |  |  |  |  |  |  |  |  |  |  | Year's Total |  |
| TOTAL | 1·63 | 3·00 | ·95 | 1·93 | 1·79 | 2·77 | 3·26 | 2·28 | 5·21 | 4·13 | 3·88 | 3·46 | 34·29 |  |
| * Days with .01 in. or more. | 16 | 21 | 9 | 14 | 7 | 21 | 8 | 9 | 19 | 23 | 23 | 17 | 187 |  |
| * Days with .04 in. or more. | 12 | 18 | 7 | 12 | 6 | 19 | 7 | 7 | 17 | 18 | 18 | 13 | 154 |  |

40-9999. "S" = Snow + Hail.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) Chas. E. Hill.

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2817

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1936.

*Kept at* BRECKSIDE PARK DEPÔT, LIVERPOOL
*in the County of* LANCASTER
Diameter of Funnel of Gauge 5" in.
Height of top of Gauge above Ground – ft. 9" in.
,, Ground ,, Sea Level 131·87 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

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Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | – | ·09 | ·12 | ·26 | – | ·18 | – | ·38 | ·07 | – | ·34 | ·75 | | 1 |
| 2 | ·15 | – | – | ·11 | – | ·41 | – | ·03 | ·07 | – | ·17 | ·32 | | 2 |
| 3 | – | – | – | – | – | ·46 | ·08 | ·02 | ·25 | – | – | ·02 | | 3 |
| 4 | ·07 | ·23 "S" | ·15 | – | – | ·05 | – | ·01 | ·31 | – | ·22 | ·35 | | 4 |
| 5 | ·15 | ·09 | ·11 | – | – | – | – | ·37 | ·18 | – | ·05 | ·21 | | 5 |
| 6 | ·06 | – | – | – | ·05 | – | ·10 | ·05 | ·37 | – | ·10 | – | | 6 |
| 7 | – | – | ·13 | – | – | – | ·11 | – | ·41 | – | ·17 | ·20 | | 7 |
| 8 | ·11 | – | ·35 | – | – | – | – | – | ·02 | – | ·37 | ·04 | | 8 |
| 9 | ·27 | – | – | – | – | ·07 | ·28 | – | ·19 | – | ·27 | ·02 | | 9 |
| 10 | ·05 | – | – | – | – | – | ·10 | – | – | – | ·14 | – | | 10 |
| 11 | – | – | ·02 | – | – | ·06 | ·37 | ·06 | ·12 | – | ·45 | ·15 | | 11 |
| 12 | – | – | – | – | ·04 | ·14 | ·35 | – | ·31 | ·05 | ·10 | – | | 12 |
| 13 | – | – | – | "tr" | ·03 | ·03 | ·07 | – | ·02 | ·29 | ·08 | ·30 | | 13 |
| 14 | – | – | – | ·07 | – | ·44 | ·07 | ·13 | ·08 | ·06 | ·12 | ·63 | | 14 |
| 15 | ·35 "S" | – | – | ·04 | ·22 | ·06 | – | ·11 | ·15 | – | ·22 | ·03 | | 15 |
| 16 | – | ·09 | – | ·27 | ·14 | – | ·11 | – | – | – | ·65 | ·04 | | 16 |
| 17 | ·11 | ·32 | – | – | ·04 | – | ·04 | ·22 | – | ·07 | ·04 | ·05 | | 17 |
| 18 | – | ·07 | – | ·03 | – | – | ·37 | ·19 | – | ·38 | – | – | | 18 |
| 19 | ·54 "S" | ·17 | ·02 | ·26 | – | ·12 | ·06 | ·20 | – | ·07 | – | – | | 19 |
| 20 | ·39 | ·18 | – | – | – | ·08 | – | – | – | ·05 | – | – | | 20 |
| 21 | ·37 | – | ·02 | ·11 | – | ·30 | – | – | – | – | – | ·08 | | 21 |
| 22 | ·11 "S" | ·46 | ·08 | – | – | ·27 | ·41 | – | – | – | – | ·09 | | 22 |
| 23 | – | ·03 | ·07 | ·05 | – | – | ·37 | – | – | ·06 | – | – | | 23 |
| 24 | ·15 | – | – | – | ·02 | – | – | – | ·15 | ·13 | – | – | | 24 |
| 25 | ·17 | – | – | – | – | – | ·03 | – | ·60 | ·22 | – | ·06 | | 25 |
| 26 | ·06 | ·15 | ·30 | ·01 | – | – | ·12 | – | ·08 | ·23 | – | – | | 26 |
| 27 | ·63 | – | – | – | – | – | – | – | ·24 | ·22 | ·02 | – | | 27 |
| 28 | ·13 | ·25 | ·16 | ·05 | – | – | – | – | – | ·05 | ·03 | ·10 | | 28 |
| 29 | ·03 | ·30 | ·20 | – | ·08 | ·38 | – | – | – | ·05 | ·20 | ·05 | | 29 |
| 30 | ·12 | ✕ | – | – | ·33 | ·46 | ·37 | ·05 | – | ·28 | ·14 | – | | 30 |
| 31 | ·14 | ✕ | ·08 | ✕ | ·02 | ✕ | ·04 | – | ✕ | – | ✕ | ·27 | | 31 |
| | | | | | | | | | | | | | Year's Total | |
| TOTAL | 4·16 | 2·43 | 1·81 | 1·26 | ·97 | 3·51 | 3·45 | 1·82 | 3·62 | 2·21 | 3·88 | 3·76 | 32·88 | ✓ |
| * Days with .01 in. or more. | 21 | 13 | 14 | 11 | 10 | 16 | 19 | 13 | 18 | 15 | 20 | 20 | 190 | ✓ |
| * Days with .04 in. or more. | 20 | 12 | 11 | 9 | 7 | 15 | 18 | 10 | 16 | 15 | 18 | 17 | 168 | ✓ |

40-9999. "S" = Snow

† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(*Signed*) John E. Hill

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations
Station No. 2817

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1937.

*Kept at* BRECKSIDE PARK DEPÔT, LIVERPOOL
*in the County of* LANCASTER
Diameter of Funnel of Gauge 5" in.
Height of top of Gauge above Ground – ft. 9" in.
,, Ground ,, Sea Level 131·87 ft.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

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Jan. 1, following ✓

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| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |  | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † |  |
| 1 | ·01 | ·19 | ·13 | – | – | – | ·04 | – | ·30 | ·15 | – | ·08 |  | 1 |
| 2 | – | ·12 | ·14 | ·25 | – | ·03 | – | – | ·04 | – | ·02 | ·01 |  | 2 |
| 3 | – | ·12 | – | ·04 | ·07 | ·22 | ·03 | – | – | – | – | ·08 |  | 3 |
| 4 | ·25 | – | ·04 | ·06 | ·16 | – | ·02 | ·12 | – | – | – | ·31 |  | 4 |
| 5 | ·70 | – | ·07 | ·23 | – | ·05 | ·05 | – | – | – | – | ·30 |  | 5 |
| 6 | ·04 | – | – | ·08 | ·12 | – | – | – | – | – | ·02 | ·03 "S" |  | 6 |
| 7 | – | ·29 | – | ·11 | – | ·15 | – | – | ·05 | – | – | – |  | 7 |
| 8 | – | ·44 | – | ·08 | – | ·04 | ·18 | – | – | – | ·11 | – |  | 8 |
| 9 | – | ·05 | ·01 "S" | ·06 | ·20 | ·03 | ·07 | ·15 | – | – | – | – |  | 9 |
| 10 | ·01 | ·25 | – | – | – | – | – | – | – | – | – | ·30 "S" |  | 10 |
| 11 | – | – | ·23 | – | ·42 | ·32 | ·02 | – | – | – | ·01 | – |  | 11 |
| 12 | ·05 | ·44 | ·02 | – | – | ·34 | ·03 | ·07 | ·89 | – | – | ·25 |  | 12 |
| 13 | – | ·12 | – | ·02 | – | – | – | 2·25 | – | – | – | ·27 |  | 13 |
| 14 | – | ·10 | ·01 "S" | – | – | – | ·02 | ·06 | ·06 | – | ·17 | ·17 |  | 14 |
| 15 | ·19 | ·27 | – | ·35 | – | – | ·64 | – | ·33 | – | – | ·05 |  | 15 |
| 16 | – | ·15 | ·20 | ·50 | – | – | – | ·15 | ·06 | – | – | – |  | 16 |
| 17 | ·05 | ·09 | ·14 | ·27 | – | – | – | – | ·09 | – | – | – |  | 17 |
| 18 | ·20 | ·20 | ·05 | ·10 | – | – | ·09 | ·15 | – | – | ·47 | – |  | 18 |
| 19 | ·06 | ·06 | ·08 | ·35 | ·08 | ·16 | – | ·02 | ·05 | – | ·16 | – |  | 19 |
| 20 | ·03 | ·05 | – | ·28 | ·61 | – | ·19 | – | ·02 | – | – | ·12 |  | 20 |
| 21 | ·02 | ·27 | ·08 "S" | ·13 | ·01 | – | ·30 | – | ·03 | ·18 | – | ·02 |  | 21 |
| 22 | ·14 | ·06 | – | – | ·14 | – | ·04 | – | – | ·19 | ·18 | ·10 |  | 22 |
| 23 | ·11 | – | ·02 | – | ·24 | ·01 | ·14 | – | – | ·61 | ·13 | – |  | 23 |
| 24 | ·09 | ·42 | ·05 | – | – | – | ·09 | – | ·29 | ·58 | – | ·06 |  | 24 |
| 25 | – | ·29 | ·02 | – | – | – | – | ·36 | ·03 | ·06 | – | ·03 |  | 25 |
| 26 | – | ·32 | ·11 "S" | – | ·24 | – | – | – | – | ·08 | – | ·02 |  | 26 |
| 27 | – | ·43 "S" | – | ·34 | – | – | – | – | – | ·37 | – | – |  | 27 |
| 28 | – | ·05 "S" | – | – | – | – | – | – | – | ·12 | – | – |  | 28 |
| 29 | ·03 "S" | × | – | – | – | ·03 | – | ·02 | – | ·33 | ·26 | ·01 |  | 29 |
| 30 | ·13 "S" | × | – | – | – | ·27 | – | – | ·11 | ·06 | ·32 | – |  | 30 |
| 31 | ·15 | × | – | × | – | × | – | ·15 | × | ·03 | × | – |  | 31 |
| TOTAL | ✓ 2·26 | ✓ 4·78 | ✓ 1·40 | ✓ 3·25 | ✓ 2·29 | ✓ 1·65 | ✓ 1·95 | ✓ 3·50 | ✓ 2·35 | ✓ 2·76 | ✓ 1·85 | ✓ 2·21 | Year's Total 30·25 | ✓✓✓ |
| * Days with .01 in. or more. | 18✓ | 23✓ | 17✓ | 17✓ | 11✓ | 12✓ | 16✓ | 11✓ | 14✓ | 12✓ | 11✓ | 18✓ | 180 | ✓✓✓ |
| * Days with .04 in. or more. | 13✓ | 23✓ | 12✓ | 16✓ | 10✓ | 8✓ | 11✓ | 9✓ | 11✓ | 11✓ | 8✓ | 12✓ | 144 | ✓✓✓ |

"S" = Snow.

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) John C. C. Hill [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. ~~2815~~ 2817

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1938.

*Kept at* BRECKSIDE PARK DEPÔT, LIVERPOOL

*in the County of* LANCASTER

Diameter of Funnel of Gauge 5" in.

Height of top of Gauge above Ground – ft. 9" in.

„ Ground „ Sea Level 131·87 ft.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | — | — | — | — | — | 1·00 | — | ·39 | ·09 | ·07 | ·15 | ·30 | | 1 |
| 2 | — | ·03 | — | ·20 | ·01 | ·06 | ·03 | — | — | ·41 | ·07 | ·15 | | 2 |
| 3 | — | — | — | — | — | ·04 | ·13 | — | ·20 | ·64 | ·13 | ·01 | | 3 |
| 4 | ·01 | — | — | ·04 | — | ·12 | ·18 | — | — | ·06 | — | ·72 | | 4 |
| 5 | ·05 | — | — | — | — | — | — | 1·55 | ·16 | ·55 | — | ·03 | | 5 |
| 6 | ·20 | — | — | — | — | ·07 | ·35 | — | ·40 | ·12 | — | ·02 | | 6 |
| 7 | ·26 | — | ·01 | — | — | — | ·37 | ·04 | ·06 | ·06 | — | — | | 7 |
| 8 | ·46 | ·05 | — | — | — | — | ·38 | ·24 | — | ·43 | — | ·66 | | 8 |
| 9 | — | ·39 | ·10 | — | — | ·32 | ·07 | 1·52 | — | — | — | ·09 | | 9 |
| 10 | ·09 | ·06 | — | — | — | ·01 | ·38 | — | ·06 | ·01 | — | ·29 | | 10 |
| 11 | ·25 | ·03 | — | — | ·13 | ·04 | ·04 | ·13 | ·05 | ·25 | ·11 | ·09 | | 11 |
| 12 | ·04 | — | — | — | ·12 | ·01 | — | ·03 | — | ·85 | ·35 | — | | 12 |
| 13 | ·05 | — | — | — | ·11 | — | ·05 | ·06 | ·05 | ·01 | ·06 | ·05 | | 13 |
| 14 | ·33 | — | — | — | ·11 | — | ·05 | — | — | — | ·04 | — | | 14 |
| 15 | ·17 | — | — | — | — | — | ·13 | ·18 | — | ·07 | ·03 | ·12 | | 15 |
| 16 | ·19 | — | ·12 | — | — | — | ·15 | ·01 | ·10 | ·26 | ·03 | ·06 | | 16 |
| 17 | — | — | — | — | ·07 | — | ·06 | ·08 | ·05 | ·42 | — | — | | 17 |
| 18 | — | — | — | — | ·06 | ·02 | — | ·30 | — | ·19 | ·32 | — | | 18 |
| 19 | — | — | — | — | — | — | — | ·06 | ·05 | — | ·01 | — | | 19 |
| 20 | ·07 | — | ·08 | — | — | — | — | ·08 | ·06 | — | ·21 | — | | 20 |
| 21 | — | — | ·05 | — | — | ·03 | — | ·24 | ·02 | — | ·29 | — | | 21 |
| 22 | — | — | — | ·02 | ·07 | ·33 | — | ·03 | — | ·02 | ·40 | — | | 22 |
| 23 | — | — | — | — | — | ·18 | — | — | ·21 | — | ·14 | — | | 23 |
| 24 | ·09 | ·09 | ·28 | — | ·11 | — | — | ·55 | ·05 | ·20 | ·10 | — | | 24 |
| 25 | ·01 | ·09 | ·15 | — | — | ·06 | ·12 | — | — | ·34 | ·62 | ·12 | | 25 |
| 26 | ·07 | ·13 | ·33 | — | ·24 | ·38 | — | — | ·11 | ·50 | ·13 | ·16 | | 26 |
| 27 | ·23 | ·05 | — | — | ·60 | ·03 | ·13 | ·27 | — | — | ·36 | — | | 27 |
| 28 | ·17 | ·01 | ·02 | — | — | ·53 | ·23 | ·03 | ·03 | ·02 | ·17 | ·18 | | 28 |
| 29 | ·55 | — | ·03 | — | ·99 | ·15 | ·17 | — | — | ·17 | ·15 | ·27 | | 29 |
| 30 | ·09 | ✕ | — | — | ·01 | — | — | — | ·68 | — | ·17 | ·14 | | 30 |
| 31 | ·10 | ✕ | — | ✕ | ·39 | ✕ | — | — | ✕ | ·26 | ✕ | ·85 | | 31 |
| TOTAL | 3·48 | ·93 | 1·17 | ·26 | 3·02 | 3·38 | 3·02 | 5·79 | 2·43 | 5·91 | 4·04 | 4·31 | Year's Total 37·74 | |
| * Days with .01 in. or more. | 21 | 10 | 10 | 3 | 14 | 18 | 18 | 19 | 18 | 23 | 22 | 19 | 195 | |
| * Days with .04 in. or more. | 19 | 7 | 7 | 2 | 12 | 13 | 17 | 15 | 16 | 19 | 19 | 16 | 162 | |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) ....................................................

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations
Station No. 281~~5~~7

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1939

*Kept at* BRECKSIDE PARK DEPÔT, LIVERPOOL
*in the County of* LANCASTER
Diameter of Funnel of Gauge 5" in.
Height of top of Gauge above Ground — ft. 9" in.
,, Ground ,, Sea Level 131·87 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·25 | — | ·04 | ·35 | — | — | ·04 | — | ·01 | — | — | ·02 | | 1 |
| 2 | ·05 | — | ·06 | ·14 | — | — | ·12 | ·56 | ·16 | — | — | ·13 | | 2 |
| 3 | ·02 's' | — | ·11 | ·20 | — | — | ·01 | ·14 | ·01 | — | ·06 | ·61 | | 3 |
| 4 | ·21 's' | — | ·08 | ·24 | ·16 | — | ·29 | — | — | ·11 | ·03 | ·36 | | 4 |
| 5 | — | — | — | — | ·33 | — | ·36 | ·03 | — | ·05 | ·33 | — | | 5 |
| 6 | ·81 | ·09 | — | — | — | — | ·35 | — | — | — | ·04 | — | | 6 |
| 7 | — | ·21 | — | — | — | — | ·12 | ·03 | — | — | ·16 | ·41 | | 7 |
| 8 | ·07 | ·14 | ·23 | ·01 | — | — | ·64 | ·04 | — | ·20 | ·24 | ·19 | | 8 |
| 9 | ·08 | ·10 | — | — | — | — | — | ·21 | — | ·34 | ·01 | ·47 | | 9 |
| 10 | ·20 's' | — | ·01 | — | — | ·06 | — | ·42 | ·28 | ·12 | ·03 | ·27 | | 10 |
| 11 | ·34 | ·05 | ·25 | — | — | ·17 | — | — | — | ·05 | — | — | | 11 |
| 12 | ·56 | ·02 | — | ·01 | — | ·15 | — | — | ·04 | — | — | — | | 12 |
| 13 | ·02 | — | ·02 | ·20 | ·27 | ·26 | ·31 | — | ·35 | ·15 | ·03 | — | | 13 |
| 14 | ·45 | — | — | — | ·07 | ·56 | ·18 | — | — | ·02 | ·39 | — | | 14 |
| 15 | ·12 | ·03 | ·01 | ·23 | ·14 | ·65 | ·22 | — | — | — | ·21 | — | | 15 |
| 16 | ·01 | — | ·12 | — | ·28 | — | ·18 | — | — | ·06 | ·14 | — | | 16 |
| 17 | ·77 | ·04 | — | — | ·16 | ·09 | — | — | — | ·55 | ·02 | — | | 17 |
| 18 | ·10 | ·16 | — | — | — | ·22 | ·06 | — | — | — | ·95 | — | | 18 |
| 19 | ·26 | — | — | — | — | — | ·42 | — | — | — | ·06 | — | | 19 |
| 20 | ·13 | — | ·06 | — | — | ·06 | ·14 | ·01 | — | — | — | — | | 20 |
| 21 | ·05 | ·02 | ·28 | ·05 | ·02 | — | — | ·08 | ·10 | — | — | — | | 21 |
| 22 | ·10 | ·50 | ·08 | ·14 | — | — | ·10 | — | — | ·02 | ·58 | — | | 22 |
| 23 | ·05 | ·39 | ·03 | ·11 | — | ·13 | ·10 | — | — | ·54 | ·21 | — | | 23 |
| 24 | — | ·08 | — | — | — | ·03 | ·28 | — | — | ·23 | ·05 | — | | 24 |
| 25 | ·09 | ·06 | — | ·40 | — | ·15 | — | — | — | ·01 | ·56 | ·03 | | 25 |
| 26 | ·03 | — | — | — | — | — | — | ·01 | — | — | ·25 | — | | 26 |
| 27 | — | ·81 | ·05 | — | — | ·24 | ·12 | ·02 | — | — | ·16 | ·01 's' | | 27 |
| 28 | — | ·08 | ·11 | ·05 | — | ·07 | ·48 | — | — | — | ·50 | — | | 28 |
| 29 | — | × | — | ·08 | — | — | 1·17 | ·11 | — | ·05 | ·08 | ·01 | | 29 |
| 30 | — | × | — | — | — | ·10 | ·18 | — | — | — | ·05 | ·09 | | 30 |
| 31 | — | × | — | × | — | × | ·09 | ·13 | × | — | × | — | | 31 |
| TOTAL | ✓ 4·77 | ✓ 2·78 | ✓ 1·54 | ✓ 2·21 | ✓ 1·43 | ✓ 2·94 | ✓ 5·96 | ✓ 1·79 | ✓ ·95 | ✓ 2·50 | ✓ 5·14 | ✓ 2·60 | Year's Total 34·61 | ✓ |
| * Days with .01 in. or more. | 23 ✓ | 16 ✓ | 16 ✓ | 14 ✓ | 8 ✓ | 15 ✓ | 23 ✓ | 13 ✓ | 7 ✓ | 15 ✓ | 24 ✓ | 12 ✓ | 186 | ✓ |
| * Days with .04 in. or more. | 19 ✓ | 13 ✓ | 12 ✓ | 12 ✓ | 7 ✓ | 14 ✓ | 22 ✓ | 8 ✓ | 5 ✓ | 12 ✓ | 19 ✓ | 8 ✓ | 151 | ✓ |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) ..............................

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 281~~5~~ 7

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 19~~3~~40

*Kept at* BRECKSIDE PARK DEPOT, L.POOL

*in the County of* LANCASTER

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground — ft. 9 in.

,, Ground ,, Sea Level 131·87 ft.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | — | ·02 | — | ·07 | — | — | — | — | — | — | ·26 | ·08 | | 1 |
| 2 | — | ·05 | — | ·22 | — | — | ·10 | — | — | — | ·19 | ·22 | | 2 |
| 3 | ·01 | ·11 | ·03 | ·23 | — | — | ·11 | — | — | ·02 | ·05 | ·06 | | 3 |
| 4 | — | ·10 | — | — | — | — | ·02 | — | — | ·11 | ·18 | ·05 | | 4 |
| 5 | — | — | — | — | ·23 | — | ·17 | — | — | ·17 | ·18 | ·12 | | 5 |
| 6 | ·10 | ·25 | — | — | — | — | ·04 | — | — | 1·01 | ·09 | ·08 | | 6 |
| 7 | ·03 | ·29 | — | ·14 | ·05 | — | ·08 | ·01 | ·18 | ·06 | — | ·01 | | 7 |
| 8 | ·01 | — | — | — | — | — | — | — | ·18 | ·19 | — | ·23 | | 8 |
| 9 | — | — | ·27 | ·02 | — | — | ·77 | ·05 | ·07 | ·46 | 1·08 | ·18 | | 9 |
| 10 | — | — | ·05 | — | — | — | ·26 | ·08 | — | ·38 | ·22 | ·20 | | 10 |
| 11 | — | — | ·06 | ·06 | — | — | ·11 | — | — | — | 1·10 | ·04 | | 11 |
| 12 | — | — | ·22 | — | — | ·23 | ·80 | ·14 | ·33 | — | ·22 | — | | 12 |
| 13 | — | — | ·25 's' | ·01 | — | — | — | ·06 | ·50 | — | ·08 | ·01 | | 13 |
| 14 | — | — | — | ·10 | ·12 | — | ·40 | ·09 | ·55 | ·01 | ·06 | ·08 | | 14 |
| 15 | — | — | — | ·07 | ·92 | — | — | — | ·04 | — | ·07 | ·04 | | 15 |
| 16 | — | ·18 | ·25 | — | — | — | ·21 | — | ·71 | ·38 | ·18 | ·10 | | 16 |
| 17 | — | — | ·61 | ·04 | — | — | ·04 | — | — | — | ·57 | ·01 | | 17 |
| 18 | ·04 's' | ·33 | ·23 | ·23 | — | — | — | ·36 | ·29 | ·01 | — | ·26 | | 18 |
| 19 | — | ·28 | ·15 | ·02 | — | ·01 | ·12 | — | ·19 | ·01 | ·15 | — | | 19 |
| 20 | — | — | — | ·32 | — | ·01 | ·06 | ·02 | ·09 | ·38 | ·06 | — | | 20 |
| 21 | — | — | ·05 | — | ·01 | ·36 | ·04 | ·02 | — | — | ·68 | — | | 21 |
| 22 | — | — | ·04 | — | ·18 | ·15 | — | ·08 | ·09 | — | — | — | | 22 |
| 23 | — | ·07 | — | ·18 | — | — | ·07 | — | ·11 | — | ·14 | — | | 23 |
| 24 | ·11 | — | ·13 | — | ·03 | — | ·04 | — | — | — | — | — | | 24 |
| 25 | ·02 | — | — | — | ·38 | ·03 | — | — | ·01 | — | — | — | | 25 |
| 26 | 1·14 's' | ·16 | — | ·10 | ·04 | — | ·17 | ·03 | — | — | ·05 | — | | 26 |
| 27 | ·02 's' | ·48 | — | — | — | — | — | — | — | — | ·07 | — | | 27 |
| 28 | ·32 's' | ·14 | — | — | ·46 | — | — | ·02 | — | — | — | ·02 | | 28 |
| 29 | ·01 | — | ·39 | ·04 | — | ·30 | ·09 | — | — | ·05 | — | ·45 | | 29 |
| 30 | ·03 's' | × | — | ·26 | ·05 | — | — | — | — | ·25 | ·01 | ·08 | | 30 |
| 31 | ·03 's' | × | ·07 | × | ·01 | × | — | ·07 | × | 1·25 | × | — | | 31 |
| TOTAL | 1·87 | 2·46 | 2·80 | 2·11 | 2·48 | 1·09 | 3·70 | 1·03 | 3·34 | 4·74 | 5·69 | 2·32 | Year's Total<br>33·63 | |
| * Days with .01 in. or more. | 13 | 13 | 15 | 17 | 12 | 7 | 20 | 13 | 14 | 16 | 22 | 20 | 182 | |
| * Days with .04 in. or more. | 5 | 12 | 14 | 14 | 9 | 4 | 19 | 8 | 13 | 12 | 21 | 16 | 147 | |

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) ............

P.T.

2818.

Section **A** for the entry of Da

AIR MINISTRY.—

FORM 1090.

# REGISTE

2818

LIVERPOOL. QUEENS DRIVE, WALTON

1931 — 40

7/0501

FOR OFFICIAL USE.

RGANIZATION.

LIVERPOOL CORPORATION

Kept at QUEENS DRIVE, WA

in the County of LANCAS

Diameter of Funnel of Gauge 5

Height of top of Gauge above Ground

,, Ground ,, Sea Level

**THE MORNING MEASURE**

*An observer who does not conform to this*

*year in the space on the right of this p*

Ple

ng

Jan. 1, following

| Date | Jan. | Feb. | March | Ap | | | | | | | v. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·31 | – | – | ·13 | – | – | ·01 | ·03 | ·01 | ·06 | – | ·01 | 1 |
| 2 | – | ·04 | – | ·42 | ·01 | ·56 | – | – | ·65 | ·10 | ·06 | ·05 | 2 |
| 3 | ·09 | – | – | – | – | ·11 | ·27 | – | 1·03 | ·05 | ·44 | ·02 | 3 |
| 4 | – | – | ·01 | ·17 | – | – | ·02 | ·22 | ·32 | – | ·14 | ·10 | 4 |
| 5 | – | ·03 | – | ·02 | ·20 | ·63 | ·08 | 1·25 | ·01 | – | ·01 | ·37 | 5 |
| 6 | – | ·23 | – | – | ·04 | ·40 | – | ·04 | ·41 | ·62 | ·07 | – | 6 |
| 7 | ·01 | ·04 | – | – | – | ·27 | – | ·49 | – | ·15 | ·08 | ·03 | 7 |
| 8 | ·08 | ·08 | ·01 | ·10 | – | ·05 | ·07 | ·30 | – | ·01 | ·08 | ·18 | 8 |
| 9 | ·04 | ·24 | ·01 | ·08 | ·05 | ·13 | ·01 | ·33 | ·10 | ·08 | ·18 | ·03 | 9 |
| 10 | ·01 | ·04 | ·01 | – | ·25 | ·32 | – | ·04 | ·08 | – | ·35 | ·01 | 10 |
| 11 | ·32 | ·08 | – | – | – | – | ·11 | – | ·51 | – | ·33 | ·04 | 11 |
| 12 | ·02 | ·06 | – | ·01 | – | – | ·40 | ·20 | ·08 | ·06 | ·01 | – | 12 |
| 13 | – | – | ·11 | ·01 | ·08 | ·03 | ·03 | ·28 | – | – | – | – | 13 |
| 14 | ·03 | ·15 | – | – | ·03 | 1·25 | ·02 | ·65 | ·13 | ·01 | ·66 | ·02 | 14 |
| 15 | ·08 | ·33 | – | ·25 | ·21 | ·01 | ·10 | ·18 | ·01 | ·01 | – | ·22 | 15 |
| 16 | ·14 | ·08 | – | ·15 | ·07 | ·04 | ·07 | ·48 | ·27 | ·01 | – | – | 16 |
| 17 | ·03 | ·01 | – | ·09 | ·23 | ·02 | ·08 | ·25 | ·07 | – | ·29 | – | 17 |
| 18 | ·26 | – | – | – | – | ·36 | ·63 | ·17 | ·01 | – | ·48 | – | 18 |
| 19 | ·13 | ·23 | – | – | – | ·03 | – | 1·08 | – | ·03 | ·01 | – | 19 |
| 20 | – | ·18 | ·16 | – | – | ·03 | ·09 | ·07 | – | – | ·03 | ·02 | 20 |
| 21 | ·36 | ·01 | ·01 | ·03 | ·23 | – | – | ·26 | – | – | ·02 | – | 21 |
| 22 | ·05 | – | – | ·07 | ·06 | ·05 | ·01 | – | – | – | ·10 | – | 22 |
| 23 | ·27 | – | – | ·14 | ·19 | ·17 | ·01 | – | – | – | ·17 | ·26 | 23 |
| 24 | ·06 | ·03 | – | ·16 | ·36 | – | ·07 | – | – | – | ·08 | ·14 | 24 |
| 25 | ·31 | ·48 | – | ·58 | ·17 | – | – | – | – | – | ·07 | ·05 | 25 |
| 26 | ·04 | ·01 | – | ·13 | – | – | – | – | – | – | ·94 | ·04 | 26 |
| 27 | ·23 | ·12 | – | ·14 | ·26 | ·02 | ·07 | – | – | ·35 | ·86 | – | 27 |
| 28 | ·32 | ·35 | ·02 | – | ·18 | – | – | – | – | ·09 | ·01 | ·16 | 28 |
| 29 | ·07 | × | ·05 | – | – | – | ·06 | – | – | ·62 | ·02 | – | 29 |
| 30 | ·02 | × | – | ·02 | – | – | – | – | ·07 | – | ·01 | ·05 | 30 |
| 31 | ·16 | × | – | × | ·01 | × | ·17 | – | × | ·02 | × | ·05 | 31 |
| TOTAL | 3·44 | 2·82 | ·39 | 2·70 | 2·63 | 4·48 | 2·38 | 6·32 | 3·76 | 2·27 | 5·47 | 1·85 | YEAR'S TOTAL 38·51 |
| *Days with ·01 in. or more. | 25 | 21 | 9 | 19 | 18 | 19 | 21 | 18 | 16 | 16 | 26 | 20 | 228 |
| *Days with ·04 in. or more. | 19 | 16 | 3 | 14 | 15 | 13 | 14 | 17 | 12 | 10 | 18 | 13 | 164 |

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) J Harrison

P.T.O.

2818.

Section **A** for the entry of Daily Observations. COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1931.

*Kept at* LIVERPOOL CORPORATION DEPÔT, QUEENS DRIVE, WALTON, LIVERPOOL.
*in the County of* LANCASTER.
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
,, Ground ,, Sea Level 119·2 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

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Jan. 1, following

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| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·31 | – | – | ·13 | – | – | ·01 | ·03 | ·01 | ·06 | – | ·01 | 1 |
| 2 | – | ·04 | – | ·42 | ·01 | ·56 | – | – | ·65 | ·10 | ·06 | ·05 | 2 |
| 3 | ·09 | – | – | – | – | ·11 | ·27 | – | 1·03 | ·05 | ·44 | ·02 | 3 |
| 4 | – | – | ·01 | ·17 | – | – | ·02 | ·22 | ·32 | – | ·14 | ·10 | 4 |
| 5 | – | ·03 | – | ·02 | ·20 | ·63 | ·08 | 1·25 | ·01 | – | ·01 | ·37 | 5 |
| 6 | – | ·23 | – | – | ·04 | ·40 | – | ·04 | ·41 | ·62 | ·07 | – | 6 |
| 7 | ·01 | ·04 | – | – | – | ·27 | – | ·49 | – | ·15 | ·08 | ·03 | 7 |
| 8 | ·08 | ·08 | ·01 | ·10 | – | ·05 | ·07 | ·30 | – | ·01 | ·08 | ·18 | 8 |
| 9 | ·04 | ·24 | ·01 | ·08 | ·05 | ·13 | ·01 | ·33 | ·10 | ·08 | ·18 | ·03 | 9 |
| 10 | ·01 | ·04 | ·01 | – | ·25 | ·32 | – | ·04 | ·08 | – | ·35 | ·01 | 10 |
| 11 | ·32 | ·08 | – | – | – | – | ·11 | – | ·51 | – | ·33 | ·04 | 11 |
| 12 | ·02 | ·06 | – | ·01 | – | – | ·40 | ·20 | ·08 | ·06 | ·01 | – | 12 |
| 13 | – | – | ·11 | ·01 | ·08 | ·03 | ·03 | ·28 | – | – | – | – | 13 |
| 14 | ·03 | ·15 | – | – | ·03 | 1·25 | ·02 | ·65 | ·13 | ·01 | ·66 | ·02 | 14 |
| 15 | ·08 | ·33 | – | ·25 | ·21 | ·01 | ·10 | ·18 | ·01 | ·01 | – | ·22 | 15 |
| 16 | ·14 | ·08 | – | ·15 | ·07 | ·04 | ·07 | ·48 | ·27 | ·01 | – | – | 16 |
| 17 | ·03 | ·01 | – | ·09 | ·23 | ·02 | ·08 | ·25 | ·07 | – | ·29 | – | 17 |
| 18 | ·26 | – | – | – | – | ·36 | ·63 | ·17 | ·01 | – | ·48 | – | 18 |
| 19 | ·13 | ·23 | – | – | – | ·03 | – | 1·08 | – | ·03 | ·01 | – | 19 |
| 20 | – | ·18 | ·16 | – | – | ·03 | ·09 | ·07 | – | – | ·03 | ·02 | 20 |
| 21 | ·36 | ·01 | ·01 | ·03 | ·23 | – | – | ·26 | – | – | ·02 | – | 21 |
| 22 | ·05 | – | – | ·07 | ·06 | ·05 | ·01 | – | – | – | ·10 | – | 22 |
| 23 | ·27 | – | – | ·14 | ·19 | ·17 | ·01 | – | – | – | ·17 | ·26 | 23 |
| 24 | ·06 | ·03 | – | ·16 | ·36 | – | ·07 | – | – | – | ·08 | ·14 | 24 |
| 25 | ·31 | ·48 | – | ·58 | ·17 | – | – | – | – | – | ·07 | ·05 | 25 |
| 26 | ·04 | ·01 | – | ·13 | – | – | – | – | – | – | ·94 | ·04 | 26 |
| 27 | ·23 | ·12 | – | ·14 | ·26 | ·02 | ·07 | – | – | ·35 | ·86 | – | 27 |
| 28 | ·32 | ·35 | ·02 | – | ·18 | – | – | – | – | ·09 | ·01 | ·16 | 28 |
| 29 | ·07 | ✕ | ·05 | – | – | – | ·06 | – | – | ·62 | ·02 | – | 29 |
| 30 | ·02 | ✕ | – | ·02 | – | – | – | – | ·07 | – | ·01 | ·05 | 30 |
| 31 | ·16 | ✕ | – | ✕ | ·01 | ✕ | ·17 | – | ✕ | ·02 | ✕ | ·05 | 31 |
| TOTAL | 3·44 | 2·82 | ·39 | 2·70 | 2·63 | 4·48 | 2·38 | 6·32 | 3·76 | 2·27 | 5·47 | 1·85 | YEAR'S TOTAL<br>38·51 |
| *Days with ·01 in. or more. | 25 | 21 | 9 | 19 | 18 | 19 | 21 | 18 | 16 | 16 | 26 | 20 | 228 |
| *Days with ·04 in. or more. | 19 | 16 | 3 | 14 | 15 | 13 | 14 | 17 | 12 | 10 | 18 | 13 | 164 |

40-9999

(Signed)

P.T.O.

*See Instruction 2 (*f*) on other side.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2818

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1932.

*Kept at* Corporation Depôt, Queens Drive, Walton

*in the County of* Lancaster

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 119·2 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

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Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·40 | ·03 | — | ·29 | ·72 | — | ·02 | ·07 | ·15 | ·03 | ·07 | ·20 | 1 |
| 2 | ·20 | ·01 | — | — | ·34 | — | ·02 | ·09 | ·43 | ·24 | ·05 | ·17 | 2 |
| 3 | — | ·03 | — | ·07 | ·01 | — | ·07 | ·05 | ·16 | ·04 | ·05 | ·10 | 3 |
| 4 | — | — | — | — | — | — | ·10 | — | — | ·26 | ·04 | ·05 | 4 |
| 5 | ·64 | — | ·16 | ·06 | ·06 | — | ·02 | ·08 | ·11 | — | — | — | 5 |
| 6 | ·78 | — | ·16 | ·27 | — | — | — | — | ·20 | — | — | — | 6 |
| 7 | ·05 | — | ·20 | ·17 | ·08 | — | — | — | ·66 | ·51 | — | — | 7 |
| 8 | — | — | — | ·08 | ·02 | — | — | — | ·50 | ·31 | — | ·01 | 8 |
| 9 | ·19 | — | — | ·10 | ·02 | — | — | — | ·11 | — | ·09 | ·02 | 9 |
| 10 | ·17 | — | — | ·07 | ·01 | — | — | — | ·44 | ·37 | — | — | 10 |
| 11 | ·02 | ·01 | — | ·01 | ·46 | ·07 | ·66 | — | — | — | — | — | 11 |
| 12 | ·09 | — | — | — | ·38 | — | ·70 | ·03 | ·01 | ·44 | — | — | 12 |
| 13 | — | — | — | ·12 | ·07 | — | ·25 | ·06 | ·16 | ·22 | — | ·20 | 13 |
| 14 | ·19 | — | — | ·12 | — | — | ·27 | ·05 | — | ·14 | ·22 | ·12 | 14 |
| 15 | — | ·01 | — | — | ·48 | — | — | — | — | ·08 | ·04 | — | 15 |
| 16 | ·09 | — | — | ·05 | — | — | ·01 | — | — | ·04 | — | ·02 | 16 |
| 17 | — | — | — | — | — | — | ·21 | ·03 | — | ·12 | — | ·01 | 17 |
| 18 | — | — | — | — | ·05 | — | ·02 | — | ·02 | — | ·05 | — | 18 |
| 19 | — | — | — | ·19 | ·04 | — | ·06 | — | — | ·27 | — | ·07 | 19 |
| 20 | — | — | ·01 | ·23 | ·23 | — | ·05 | ·31 | — | ·26 | ·08 | ·03 | 20 |
| 21 | ·04 | ·01 | ·26 | — | ·25 | — | — | ·25 | — | ·66 | ·18 | — | 21 |
| 22 | ·02 | — | ·05 | ·09 | ·20 | — | ·10 | — | — | ·03 | ·74 | — | 22 |
| 23 | — | — | — | — | ·15 | — | ·03 | — | — | ·18 | ·11 | ·05 | 23 |
| 24 | ·13 | — | — | — | ·04 | ·01 | ·65 | — | ·17 | ·01 | ·26 | — | 24 |
| 25 | ·01 | — | — | ·04 | ·01 | ·03 | ·16 | — | ·19 | ·76 | ·08 | — | 25 |
| 26 | — | — | ·02 | ·04 | ·25 | — | ·22 | — | 29 | ·38 | ·07 | — | 26 |
| 27 | — | — | ·77 | ·35 | ·10 | ·10 | ·11 | — | — | ·03 | ·02 | ·04 | 27 |
| 28 | — | — | ·05 | ·10 | ·20 | — | ·32 | ·01 | — | — | — | ·01 | 28 |
| 29 | ·03 | — | ·42 | ·68 | ·11 | ·14 | ·07 | ·01 | ·18 | ·64 | ·34 | ·32 | 29 |
| 30 | — | ✕ | ·15 | ·17 | — | ·17 | ·02 | ·10 | ·05 | ·44 | ·32 | ·06 | 30 |
| 31 | ·01 | ✕ | ·04 | ✕ | — | ✕ | ·44 | ·01 | ✕ | ·02 | ✕ | ·10 | 31 3 |
| TOTAL | 3·06 | ·10 | 2·29 | 3·30 | 4·28 | ·52 | 4·58 | 1·15 | 3·83 | 6·48 | 2·81 | 1·58 | YEAR'S TOTAL<br>33·98 |
| *Days with ·01 in. or more. | 17 | 6 | 12 | 21 | 24 | 6 | 24 | 14 | 17 | 25 | 18 | 18 | 202 |
| *Days with .04 in. or more. | 12 | — | 10 | 20 | 19 | 4 | 17 | 9 | 15 | 20 | 17 | 12 | 165 |

40-9999

*See Instruction 2 (*f*) on other side.

(Signed) J Rawlinson

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2818

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1933.

*Kept at* QUEENS DRIVE DEPÔT, WALTON, LIVERPOOL

*in the County of* LANCASTER

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 119·2 ft.

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·01 | ·09 | ·10 | — | — | — | — | — | — | — | ·10 | — | | 1 |
| 2 | ·05 | — | ·17 | ·04 | ·02 | ·05 | — | ·03 | — | — | — | — | | 2 |
| 3 | ·03 | ·50 | ·25 | — | ·17 | — | — | — | — | — | — | — | | 3 |
| 4 | ·41 | ·02 | ·07 | — | ·16 | — | — | ·02 | — | — | ·06 | — | | 4 |
| 5 | ·10 | ·03 | ·09 | — | ·06 | — | — | ·02 | — | — | ·05 | — | | 5 |
| 6 | — | ·20 | ·12 | — | ·10 | — | — | — | — | — | ·03 | ·02 | | 6 |
| 7 | ·05 | ·42 | — | — | ·02 | — | ·12 | ·02 | — | ·40 | — | — | | 7 |
| 8 | ·14 | ·01 | ·13 | ·08 | ·04 | — | ·09 | — | — | — | ·02 | ·04 | | 8 |
| 9 | — | ·34 | — | ·03 | — | ·01 | ·44 | — | — | ·34 | ·14 | — | | 9 |
| 10 | ·08 | ·10 | — | — | — | ·21 | ·04 | — | — | 1·10 | ·03 | — | | 10 |
| 11 | ·07 | — | — | — | ·01 | — | ·26 | — | — | ·10 | — | ·24 'S' | | 11 |
| 12 | ·08 | ·03 | — | — | — | ·04 | ·31 | — | — | ·06 | ·03 | ·04 S' | | 12 |
| 13 | ·01 | — | — | — | ·13 | — | ·10 | ·15 | — | ·28 | ·26 | — | | 13 |
| 14 | ·20 | — | — | — | — | — | ·11 | ·07 | — | ·01 | ·47 | — | | 14 |
| 15 | ·12 | — | ·03 | — | — | — | — | ·06 | — | ·42 | ·15 | ·01 | | 15 |
| 16 | ·17 'S' | ·03 | ·13 | — | ·05 | ·27 | — | ·02 | — | ·21 | ·02 | ·03 | | 16 |
| 17 | ·32 'S' | — | ·41 | — | — | ·36 | ·01 | ·09 | ·05 | — | ·01 | — | | 17 |
| 18 | ·04 | — | ·24 | — | — | ·22 | — | — | — | — | ·05 | ·03 | | 18 |
| 19 | — | — | ·25 | — | — | ·03 | ·10 | ·13 | ·12 | — | ·22 | ·04 | | 19 |
| 20 | — | ·09 | — | — | ·44 | ·42 | — | ·43 | ·04 | — | — | — | | 20 |
| 21 | — | — | — | — | — | ·33 | — | ·03 | — | — | — | ·01 | | 21 |
| 22 | — | — | — | ·08 | — | — | — | ·15 | — | ·05 | ·01 | — | | 22 |
| 23 | — | — | — | ·25 | — | ·27 | — | — | ·05 | ·05 | — | — | | 23 |
| 24 | — | ·23 'S' | — | ·11 | ·16 | ·23 | — | — | ·49 | ·02 | — | — | | 24 |
| 25 | — | ·25 | — | ·37 | — | — | — | — | ·16 | — | — | ·17 | | 25 |
| 26 | — | ·72 | — | ·15 | — | — | — | — | — | ·29 | — | — | | 26 |
| 27 | — | — | — | — | ·14 | — | — | — | ·01 | ·03 | ·01 | — | | 27 |
| 28 | ·01 | ·01 | — | ·03 | — | — | ·07 | ·49 | — | — | — | — | | 28 |
| 29 | ·05 | × | — | — | — | — | — | ·05 | — | — | — | ·05 | | 29 |
| 30 | ·05 | × | ·06 | ·16 | — | ·02 | ·05 | — | — | ·26 | — | ·12 | | 30 |
| 31 | ·07 | × | ·06 | × | — | × | — | ·02 | × | ·20 | × | ·05 | | 31 |
| TOTAL | 2·06 | 3·07 | 2·11 | 1·30 | 1·50 | 2·46 | 1·70 | 1·78 | ·92 | 3·82 | 1·66 | ·85 | Year's Total 23·23 | |
| *Days with ·01 in. or more. | 20 | 16 | 14 | 10 | 13 | 13 | 12 | 16 | 7 | 16 | 17 | 13 | 167 | |
| *Days with ·04 in. or more. | 16 | 10 | 13 | 8 | 10 | 10 | 11 | 9 | 6 | 13 | 9 | 8 | 123 | |

40-9999

"S" = SNOW

*See Instruction 2 ) on other side.

† Spare column, no entries required.

(Signed)

City Engineer

[R.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2818

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1934.

*Kept at* QUEENS DRIVE DEPÔT, WALTON, LIVERPOOL,
*in the County of* LANCASTER

Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
,, Ground ,, Sea Level 119·2 ft.

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † |  |
| 1 | ·09 | – | – | – | – | – | – | ·12 | ·23 | ·05 | ·49 "S" | ·65 |  | 1 |
| 2 | ·01 | ·01 | ·12 | – | – | – | – | ·55 | ·07 |  | ·18 | ·26 |  | 2 |
| 3 | ·17 | – | – | – | – | – | – | – | – | ·12 | ·08 | ·17 |  | 3 |
| 4 | ·14 | – | ·06 | ·03 | ·10 | – | – | ·01 | ·01 | ·97 | – | ·80 |  | 4 |
| 5 | – | – | ·02 | – | ·03 | – | – | ·65 | – | ·04 | – | – |  | 5 |
| 6 | ·01 | – | ·03 | ·02 | ·25 | ·01 | – | – | – | ·18 | – | ·13 |  | 6 |
| 7 | ·31 | ·01 | ·02 | ·05 | ·05 | ·02 | – | – | – | ·07 | ·18 | ·41 |  | 7 |
| 8 | – | – | – | – | ·25 | ·07 | – | ·04 | – | ·24 | ·61 | ·01 |  | 8 |
| 9 | – | – | ·12 | – | – | – | – | ·10 | ·01 | ·01 | ·33 | ·01 |  | 9 |
| 10 | – | – | ·13 | ·28 | – | – | – | ·37 | – | ·04 | – | ·01 |  | 10 |
| 11 | ·03 | – | ·03 | ·45 | – | – | – | ·10 | – | – | ·05 | ·20 |  | 11 |
| 12 | – | – | ·05 | ·10 | – | – | – | ·10 | – | ·05 | ·01 | – |  | 12 |
| 13 | ·15 | – | ·01 | ·05 | ·02 | – | ·38 | – | – | ·04 | – | ·02 |  | 13 |
| 14 | ·17 | ·01 | ·26 | – | ·03 | ·02 | – | – | – | ·25 | ·02 | ·07 |  | 14 |
| 15 | ·08 | – | ·11 | – | ·58 | – | ·03 | ·07 | ·11 | ·14 | ·02 | ·26 |  | 15 |
| 16 | ·39 | – | ·07 | – | ·02 | – | – | ·01 | – | ·18 | ·02 | ·03 |  | 16 |
| 17 | ·09 | – | ·09 | ·06 | ·32 | – | ·16 | – | ·25 | ·10 | – | ·12 |  | 17 |
| 18 | ·31 | – | ·02 | ·14 | ·41 | ·28 | – | ·03 | ·03 | ·04 | – | ·14 |  | 18 |
| 19 | – | – | ·12 | – | ·06 | ·18 | ·01 | ·03 | ·34 | ·13 | – | ·08 |  | 19 |
| 20 | – | – | ·01 | ·08 | ·09 | ·15 | – | – | ·18 | ·02 | – | – |  | 20 |
| 21 | ·01 | – | ·08 | ·03 | – | ·23 | – | ·04 | ·29 | ·12 | – | – |  | 21 |
| 22 | ·03 | – | ·04 | – | – | ·01 | ·01 | ·17 | ·28 | ·17 | ·01 | ·08 |  | 22 |
| 23 | – | – | ·06 | ·51 | ·01 | ·34 | ·61 | ·03 | ·02 | ·30 | ·02 | ·01 |  | 23 |
| 24 | – | ·21 | ·02 | ·03 | ·02 | ·06 | ·06 | – | ·27 | ·14 | – | – |  | 24 |
| 25 | ·01 | – | ·02 | ·05 | ·01 | – | – | – | ·14 | ·08 | – | ·36 |  | 25 |
| 26 | ·10 | – | ·03 | ·17 | – | ·13 | ·05 | – | ·04 | ·02 | – | – |  | 26 |
| 27 | – | – | – | ·02 | – | ·16 | ·06 | – | – | ·10 | ·01 | ·22 |  | 27 |
| 28 | – | – | – | ·02 | – | ·02 | ·01 | ·63 | ·08 | ·07 | – | ·56 |  | 28 |
| 29 | ·02 | × | – | – | – | – | ·18 | ·03 | ·29 | 1·23 | – | ·08 |  | 29 |
| 30 | ·19 | × | – | – | – | – | ·02 | – | ·27 | ·95 "S" | – | – |  | 30 |
| 31 | – | × | – | × | – | × | ·01 | ·03 | × | ·18 "S" | × | ·18 |  | 31 |
| TOTAL | 2·31 | ·24 | 1·52 | 2·09 | 2·25 | 1·68 | 1·59 | 3·11 | 2·91 | 6·03 | 2·03 | 4·86 | Year's Total.<br>30·62 |  |
| * Days with .01 in. or more. | 19 | 4 | 23 | 17 | 16 | 14 | 13 | 19 | 18 | 29 | 14 | 24 | 210 |  |
| * Days with .04 in. or more. | 12 | 1 | 13 | 11 | 9 | 9 | 7 | 12 | 14 | 26 | 7 | 18 | 139 |  |

40-9999 "S" = Snow + Hail Stones

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*)

P.T.O.

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·20 | ·09 | — | ·02 | — | ·01 | ·26 | — | ·50 | ·22 | ·04 | ·15 | | 1 |
| 2 | — | ·09 | — | — | — | ·08 | — | — | — | ·03 | ·01 | ·21 | | 2 |
| 3 | ·07 | ·43 | ·12 | ·08 | — | ·08 | — | — | ·24 | ·01 | ·12 | ·23 | | 3 |
| 4 | — | — | — | — | — | ·07 | — | — | ·15 | ·23 | ·01 | ·01 | | 4 |
| 5 | — | ·28 | ·15 | ·14 | — | — | — | — | ·40 | ·13 | ·26 | ·15 | | 5 |
| 6 | — | — | — | ·11 | — | ·11 | — | — | — | — | ·02 | ·01 | | 6 |
| 7 | — | — | — | ·02 | — | ·10 | — | — | — | ·21 | ·11 | ·34 | | 7 |
| 8 | — | — | — | ·14 | — | ·01 | — | ·02 | ·04 | ·10 | ·24 | ·01 | | 8 |
| 9 | ·04 | ·03 | — | ·16 | — | ·06 | — | — | ·01 | 1·70 | ·04 | — | | 9 |
| 10 | — | ·09 | — | ·01 | — | ·08 | — | — | — | ·10 | ·03 | — | | 10 |
| 11 | ·50 | — | — | — | ·01 | ·23 | — | ·04 | — | ·08 | ·06 | — | | 11 |
| 12 | ·04 | ·10 | — | — | — | ·14 | — | — | ·02 | — | — | — | | 12 |
| 13 | ·18 | ·04 | ·01 | ·08 | ·22 | ·01 | — | — | ·20 | ·02 | ·06 | — | | 13 |
| 14 | ·05 | — | — | ·02 | — | ·21 | ·96 | — | ·04 | — | ·53 | ·24 "S" | | 14 |
| 15 | — | ·37 | — | ·42 | ·04 | — | ·10 | — | ·15 | — | — | ·94 | | 15 |
| 16 | ·02 | ·35 | ·05 | ·14 | ·26 | — | ·16 | — | ·69 | — | ·55 | — | | 16 |
| 17 | — | — | — | ·17 | ·75 "S" | ·37 | 1·33 | ·39 | ·06 | ·06 | ·62 | — | | 17 |
| 18 | — | — | — | ·10 | ·32 | ·07 | ·02 | — | ·50 | ·12 | ·03 | — | | 18 |
| 19 | — | ·01 | — | ·24 | ·32 | ·46 | ·20 | — | — | ·02 | ·13 | ·04 | | 19 |
| 20 | — | ·32 | — | 1·00 | — | ·12 | ·01 | — | — | — | ·12 | — | | 20 |
| 21 | ·01 | ·17 | — | — | — | — | — | — | ·60 | ·10 | ·01 | ·09 | | 21 |
| 22 | ·01 | ·28 | ·02 | — | — | — | — | — | ·06 | — | — | — | | 22 |
| 23 | ·07 | ·03 | ·36 | — | — | — | — | ·07 | ·13 | ·62 | — | ·02 | | 23 |
| 24 | ·31 | ·23 | ·13 | — | — | — | — | — | ·45 | ·04 | — | ·15 "S" | | 24 |
| 25 | ·15 | ·05 | ·06 | — | — | ·03 | — | — | ·01 | ·02 | ·08 | ·02 | | 25 |
| 26 | — | ·04 | — | — | — | — | — | ·77 | ·43 | ·04 | ·03 | ·15 | | 26 |
| 27 | — | ·02 | — | — | ·06 | ·16 | ·09 | ·05 | ·25 | ·24 | ·36 | ·03 | | 27 |
| 28 | ·08 | ·06 | — | — | ·01 | — | — | 1·12 | ·27 | ·29 | ·08 | — | | 28 |
| 29 | ·01 | × | ·06 | — | — | ·08 | — | ·16 | ·55 | ·08 | ·08 | ·08 | | 29 |
| 30 | ·06 | × | — | ·01 | — | ·52 | — | ·10 | ·12 | ·24 | ·60 | ·07 | | 30 |
| 31 | ·05 | × | — | × | — | × | — | — | × | ·09 | × | ·68 | | 31 |
| | | | | | | | | | | | | | Year's Total | |
| TOTAL | 1·85 | 3·08 | ·96 | 2·86 | 1·99 | 3·00 | 3·13 | 2·72 | 5·87 | 4·79 | 4·22 | 3·62 | 38·09 | |
| * Days with .01 in. or more. | 17 | 20 | 9 | 17 | 9 | 21 | 9 | 9 | 23 | 24 | 25 | 20 | 203 | |
| * Days with .04 in. or more. | 13 | 16 | 7 | 12 | 7 | 17 | 7 | 8 | 20 | 19 | 18 | 14 | 158 | |

40-9999. "S" = Snow + Hail.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) John E. Hill, [P.T.O.

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | – | ·09 | ·11 | ·21 | – | ·05 | – | ·40 | ·08 | – | ·31 | ·80 | | 1 |
| 2 | ·16 | ·02 | – | ·10 | – | ·38 | – | ·02 | ·03 | – | ·18 | ·31 | | 2 |
| 3 | – | – | ·01 | – | – | ·55 | ·12 | – | ·30 | – | – | ·01 | | 3 |
| 4 | ·07 | ·31 "S" | ·18 | – | – | ·02 | ·01 | – | ·39 | – | ·23 | ·28 | | 4 |
| 5 | ·13 | ·07 | ·11 | – | – | – | – | ·37 | ·18 | – | – | ·22 | | 5 |
| 6 | ·05 | – | – | – | ·06 | ·01 | ·08 | ·05 | ·33 | – | ·09 | – | | 6 |
| 7 | – | – | ·14 | – | – | – | ·08 | – | ·37 | – | ·24 | ·18 | | 7 |
| 8 | ·10 | – | ·35 | – | – | – | – | – | ·02 | – | ·34 | ·02 | | 8 |
| 9 | ·33 | – | – | – | – | ·07 | ·72 | – | ·23 | – | ·25 | ·01 | | 9 |
| 10 | ·05 | – | – | – | – | – | ·21 | – | – | – | ·12 | – | | 10 |
| 11 | – | – | ·01 | ·01 | – | ·08 | ·28 | ·03 | ·12 | – | ·45 | ·16 | | 11 |
| 12 | – | – | – | – | ·05 | ·14 | ·33 | – | ·40 | ·04 | ·10 | – | | 12 |
| 13 | ·06 | – | – | "tr" | ·03 | ·03 | ·04 | – | ·02 | ·26 | ·05 | ·35 | | 13 |
| 14 | – | – | – | ·05 | – | ·43 | ·07 | ·16 | ·06 | ·03 | ·16 | ·52 | | 14 |
| 15 | ·28 "S" | – | – | ·01 | ·19 | ·04 | – | ·02 | ·09 | – | ·25 | ·02 | | 15 |
| 16 | ·02 | ·07 | – | ·24 | ·15 | – | ·07 | – | – | – | ·65 | ·04 | | 16 |
| 17 | ·12 | ·32 | – | – | ·04 | – | ·03 | ·19 | – | ·05 | ·03 | ·03 | | 17 |
| 18 | – | ·13 | – | ·03 | – | – | ·53 | ·21 | – | ·49 | – | – | | 18 |
| 19 | ·46 "S" | ·18 | ·03 | ·24 | – | ·09 | ·07 | ·15 | – | ·05 | – | – | | 19 |
| 20 | ·39 | ·17 | – | – | – | ·06 | ·01 | – | – | ·04 | – | – | | 20 |
| 21 | ·34 | – | ·04 | ·11 | – | ·43 | – | – | – | – | ·01 | ·08 | | 21 |
| 22 | ·07 "S" | ·46 | ·08 | – | – | ·88 | ·44 | – | – | – | ·01 | ·07 | | 22 |
| 23 | – | ·02 | ·05 | ·05 | – | – | ·31 | – | – | ·05 | – | – | | 23 |
| 24 | ·16 | – | – | – | ·03 | – | ·01 | – | ·17 | ·10 | – | – | | 24 |
| 25 | ·16 | – | – | – | – | – | ·02 | – | ·56 | ·22 | – | ·01 | | 25 |
| 26 | ·05 | ·09 | ·27 | ·01 | – | – | ·16 | – | ·05 | ·25 | – | – | | 26 |
| 27 | ·74 | – | – | – | – | – | – | – | ·26 | ·32 | ·01 | – | | 27 |
| 28 | ·13 | ·28 | ·16 | ·04 | – | ·02 | ·02 | – | – | ·03 | ·02 | ·10 | | 28 |
| 29 | ·03 | ·33 | ·17 | – | ·05 | ·42 | – | – | – | ·03 | ·15 | ·03 | | 29 |
| 30 | ·13 | ✕ | – | – | ·30 | ·34 | ·31 | ·03 | – | ·27 | ·10 | – | | 30 |
| 31 | ·23 | ✕ | ·07 | ✕ | – | ✕ | ·05 | – | ✕ | – | ✕ | ·46 | | 31 |
| TOTAL | 4·26 | 2·54 | 1·78 | 1·10 | ·90 | 4·04 | 3·97 | 1·63 | 3·66 | 2·23 | 3·75 | 3·70 | Year's Total 33·56 | ✓ |
| * Days with .01 in. or more. | 23 | 14 | 15 | 12 | 9 | 18 | 23 | 11 | 18 | 15 | 21 | 20 | 199 | ✓ |
| * Days with .04 in. or more. | 21 | 12 | 12 | 8 | 7 | 14 | 17 | 7 | 15 | 12 | 16 | 13 | 154 | ✓ |

40-9999. "S" = Snow

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) John E. Hill

[P.T.O.

COPY FOR OFFICIAL USE

**Section** A for the entry of Daily Observations — Station No. 2818

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1937.

*Kept at* QUEENS DRIVE DEPÔT, WALTON;
*in the County of* LANCASTER. - LIVERPOOL
Diameter of Funnel of Gauge 5" in.
Height of top of Gauge above Ground 1 ft. 0 in.
,, Ground ,, Sea Level 119·2 ft.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·02 | ·15 | ·14 | – | – | – | ·02 | – | ·30 | ·14 | ·01 | ·06 | | 1 |
| 2 | ·01 | ·15 | ·15 | ·24 | – | ·02 | – | – | ·04 | – | ·01 | – | | 2 |
| 3 | – | ·17 | ·01 | ·01 | ·06 | ·25 | ·04 | – | ·04 | – | – | ·09 | | 3 |
| 4 | ·24 | ·01 | ·02 | ·04 | ·15 | – | – | ·03 | ·01 | – | – | ·34 | | 4 |
| 5 | ·72 | – | ·09 | ·18 | – | ·04 | ·04 | – | – | – | – | ·24 | | 5 |
| 6 | ·02 | – | – | ·10 | ·11 | – | – | – | – | – | ·02 | ·03"S" | | 6 |
| 7 | – | ·28 | – | ·09 | – | ·13 | – | – | ·04 | – | ·01 | – | | 7 |
| 8 | – | ·45 | – | ·06 | – | ·04 | ·16 | – | – | – | ·09 | – | | 8 |
| 9 | – | ·04 | ·03"S" | ·05 | ·17 | ·06 | ·08 | ·11 | – | – | – | – | | 9 |
| 10 | ·01 | ·19 | ·01"S" | – | – | ·01 | – | – | – | – | – | ·34"S" | | 10 |
| 11 | – | – | ·17 | – | ·44 | ·12 | – | – | – | – | – | – | | 11 |
| 12 | ·06 | ·41 | ·02 | – | – | ·39 | ·02 | ·04 | ·90 | – | ·03 | ·24 | | 12 |
| 13 | – | ·11 | ·01 | ·03 | – | – | – | 1·68 | – | – | – | ·35 | | 13 |
| 14 | – | ·12 | ·01"S" | – | – | – | ·01 | ·04 | ·08 | – | ·15 | ·12 | | 14 |
| 15 | ·20 | ·31 | ·01 | ·39 | – | – | ·75 | – | ·31 | – | – | ·05 | | 15 |
| 16 | – | ·13 | ·23 | ·57 | – | – | – | ·14 | ·14 | – | – | – | | 16 |
| 17 | ·07 | ·08 | ·13 | ·25 | – | – | – | – | ·05 | – | – | – | | 17 |
| 18 | ·18 | ·22 | ·16 | ·09 | – | – | ·08 | ·24 | – | – | ·41 | ·01 | | 18 |
| 19 | ·16 | ·07 | ·11 | ·37 | ·15 | ·21 | – | – | ·17 | – | ·19 | – | | 19 |
| 20 | ·04 | ·03 | ·01 | ·26 | ·70 | – | ·21 | – | – | – | ·03 | ·07 | | 20 |
| 21 | ·02 | ·24 | ·07"S" | ·15 | ·02 | – | ·26 | – | ·03 | ·18 | – | ·02 | | 21 |
| 22 | ·09 | ·04 | ·01"S" | – | ·18 | – | ·03 | – | – | ·20 | ·15 | ·07 | | 22 |
| 23 | ·08 | – | ·03 | – | ·25 | ·01 | ·13 | – | ·01 | ·54 | ·11 | – | | 23 |
| 24 | ·07 | ·42 | ·03 | – | – | – | ·14 | – | ·28 | ·54 | – | ·03 | | 24 |
| 25 | – | ·32 | ·04 | – | – | – | – | ·26 | ·01 | ·03 | – | ·02 | | 25 |
| 26 | – | ·36 | ·09"S" | – | ·24 | – | ·01 | – | – | ·14 | – | ·01 | | 26 |
| 27 | – | ·58"S" | – | ·39 | – | – | – | – | – | ·34 | – | – | | 27 |
| 28 | – | ·04"S" | – | – | – | – | – | – | – | ·10 | ·01 | – | | 28 |
| 29 | ·03"S" | X | – | – | – | ·03 | – | – | – | ·35 | ·25 | – | | 29 |
| 30 | ·08"S" | ✕ | – | – | – | ·27 | – | – | ·13 | ·04 | ·41 | – | | 30 |
| 31 | ·13 | ✕ | – | ✕ | – | ✕ | – | ·17 | ✕ | ·02 | ✕ | – | | 31 |
| TOTAL | 2·23 ✓ | 4·92 ✓ | 1·58 ✓ | 3·27 ✓ | 2·47 ✓ | 1·58 ✓ | 1·98 ✓ | 2·71 ✓ | 2·54 ✓ | 2·62 ✓ | 1·88 ✓ | 2·09 ✓ | Year's Total 29·87 | ✓✓ |
| * Days with .01 in. or more. | 19 ✓ | 24 ✓ | 23 ✓ | 17 ✓ | 11 ✓ | 13 ✓ | 15 ✓ | 9 ✓ | 16 ✓ | 12 ✓ | 15 ✓ | 17 ✓ | 191 | ✓✓ |
| * Days with .04 in. or more. | 13 ✓ | 22 ✓ | 11 ✓ | 15 ✓ | 10 ✓ | 9 ✓ | 10 ✓ | 8 ✓ | 12 ✓ | 10 ✓ | 8 ✓ | 11 ✓ | 139 | ✓✓ |

"S" = Snow.

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) John S. Hill

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. ~~2815~~ 2818

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1938.

*Kept at* QUEENS DRIVE DEPÔT, WALTON.-

*in the County of* LANCASTER. -L.POOL.

Diameter of Funnel of Gauge 5" in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 119·2 ft.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

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Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | — | — | — | — | — | ·92 | — | ·22 | ·18 | ·06 | ·10 | ·29 | | 1 |
| 2 | — | ·02 | — | ·26 | — | ·07 | — | — | — | ·47 | ·05 | ·12 | | 2 |
| 3 | ·01 | — | — | — | — | ·03 | ·08 | — | ·24 | ·70 | ·14 | — | | 3 |
| 4 | ·01 | — | — | ·02 | — | ·07 | ·18 | — | — | ·04 | — | ·75 | | 4 |
| 5 | ·05 | — | — | — | — | — | ·01 | 1·81 | ·11 | ·83 | — | ·01 | | 5 |
| 6 | ·16 | ·01 | — | ·01 | — | ·04 | ·37 | — | ·23 | ·18 | — | ·04 | | 6 |
| 7 | ·17 | — | — | — | — | — | ·43 | ·04 | ·07 | ·07 | — | ·01 | | 7 |
| 8 | ·47 | ·02 | — | — | — | ·01 | ·34 | ·32 | — | ·43 | — | ·60 | | 8 |
| 9 | — | ·42 | ·08 | — | — | ·32 | ·04 | 1·07 | — | ·01 | — | ·11 | | 9 |
| 10 | ·09 | ·04 | — | — | — | — | ·32 | — | ·05 | ·05 | — | ·30 | | 10 |
| 11 | ·21 | ·01 | ·01 | — | ·19 | ·03 | ·03 | — | ·04 | ·22 | ·10 | ·08 | | 11 |
| 12 | ·03 | — | — | — | ·09 | — | — | — | — | ·90 | ·46 | — | | 12 |
| 13 | ·04 | — | — | — | ·13 | — | ·03 | — | ·04 | ·01 | ·07 | ·04 | | 13 |
| 14 | ·39 | — | — | — | ·08 | — | ·04 | — | — | — | ·03 | ·01 | | 14 |
| 15 | ·18 | — | ·02 | — | ·01 | — | ·10 | ·16 | — | ·08 | ·02 | ·11 | | 15 |
| 16 | ·17 | — | ·15 | — | — | — | ·14 | ·01 | ·08 | ·07 | ·02 | ·04 | | 16 |
| 17 | — | — | — | — | ·04 | — | ·06 | ·08 | ·03 | ·33 | — | ·01 | | 17 |
| 18 | ·01 | — | — | — | ·05 | — | — | ·25 | — | ·18 | ·33 | — | | 18 |
| 19 | — | — | — | — | — | — | — | ·16 | ·03 | — | ·01 | ·01 | | 19 |
| 20 | ·04 | — | ·12 | — | — | — | — | ·09 | ·05 | — | ·23 | — | | 20 |
| 21 | — | — | ·01 | — | — | ·02 | — | ·23 | ·02 | — | ·27 | — | | 21 |
| 22 | — | — | — | ·02 | ·04 | ·32 | — | ·01 | — | — | ·44 | — | | 22 |
| 23 | — | — | — | — | ·01 | ·26 | — | — | ·23 | — | ·12 | — | | 23 |
| 24 | ·08 | ·09 | ·31 | — | ·12 | — | — | ·64 | ·04 | ·17 | ·10 | — | | 24 |
| 25 | ·01 | ·12 | ·13 | — | ·03 | ·01 | ·25 | — | — | ·38 | ·61 | ·14 | | 25 |
| 26 | ·08 | ·16 | ·39 | — | ·32 | ·39 | — | — | ·14 | ·53 | ·10 | ·13 | | 26 |
| 27 | ·20 | ·04 | — | — | ·58 | — | ·10 | ·27 | ·01 | — | ·32 | — | | 27 |
| 28 | ·13 | ·02 | ·02 | — | — | ·64 | ·22 | ·03 | ·02 | ·01 | ·01 | ·16 | | 28 |
| 29 | ·49 | — | ·01 | — | 1·16 | ·15 | ·16 | — | — | ·16 | ·12 | ·27 | | 29 |
| 30 | ·05 | | — | — | — | — | — | — | ·55 | — | ·27 | ·13 | | 30 |
| 31 | ·10 | | — | | ·37 | | — | — | | ·26 | | ·90 | | 31 |
| TOTAL | 3·17 | ·95 | 1·25 | ·31 | 3·22 | 3·28 | 2·90 | 5·39 | 2·16 | 6·14 | 3·92 | 4·26 | Year's Total 36·95 | |
| * Days with .01 in. or more. | 23 | 11 | 11 | 4 | 15 | 15 | 18 | 16 | 19 | 23 | 22 | 22 | 199 | |
| * Days with .04 in. or more. | 18 | 6 | 6 | 1 | 12 | 10 | 15 | 13 | 14 | 20 | 17 | 17 | 149 | |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) ............................................

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations Station No. 2815 8

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1939.

*Kept at* QUEENS DRIVE DEPÔT, WALTON

*in the County of* LANCASTER L.POOL

Diameter of Funnel of Gauge 5" in.

Height of top of Gauge above Ground 1 ft. 0 in.

" Ground " Sea Level 119·2 ft.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

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Jan. 1, following

Please read the Notes and Instructions Overleaf

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·21 | — | ·03 | ·36 | — | — | ·04 | — | ·02 | — | — | ·02 | | 1 |
| 2 | ·07 | — | ·04 | ·15 | — | — | ·14 | ·71 | ·20 | — | — | ·06 | | 2 |
| 3 | ·29 's' | — | ·12 | ·20 | — | — | ·01 | ·17 | ·04 | — | ·05 | ·62 | | 3 |
| 4 | ·28 's' | ·01 | ·09 | ·22 | ·17 | — | ·33 | — | — | ·12 | ·05 | ·41 | | 4 |
| 5 | — | — | — | ·01 | ·31 | — | ·41 | ·02 | — | ·07 | ·29 | — | | 5 |
| 6 | ·82 | ·11 | — | — | — | — | ·32 | — | — | — | ·05 | — | | 6 |
| 7 | — | ·25 | ·01 | — | — | — | ·13 | ·02 | — | — | ·13 | ·45 | | 7 |
| 8 | ·07 | ·17 | ·23 | ·01 | — | — | ·64 | ·02 | — | ·19 | ·18 | ·17 | | 8 |
| 9 | ·06 | ·09 | — | — | — | — | — | ·46 | ·01 | ·34 | — | ·46 | | 9 |
| 10 | ·36 's' | — | ·01 | — | — | ·06 | — | ·20 | ·29 | ·15 | ·04 | ·30 | | 10 |
| 11 | ·32 | ·05 | ·15 | — | — | ·17 | — | — | — | ·06 | — | — | | 11 |
| 12 | ·58 | ·04 | — | ·03 | — | ·11 | — | — | ·06 | — | — | — | | 12 |
| 13 | — | — | ·01 | ·17 | ·28 | ·24 | ·25 | — | ·26 | ·09 | ·03 | — | | 13 |
| 14 | ·44 | — | — | ·01 | ·12 | ·72 | ·41 | — | — | ·03 | ·54 | — | | 14 |
| 15 | ·12 | ·02 | ·01 | ·14 | ·07 | ·75 | ·20 | — | — | — | ·15 | — | | 15 |
| 16 | ·01 | — | ·11 | — | ·25 | — | ·32 | — | — | ·07 | ·13 | — | | 16 |
| 17 | ·60 | ·01 | — | — | ·20 | ·07 | — | — | — | ·56 | ·03 | — | | 17 |
| 18 | ·11 | ·15 | ·04 | — | — | ·28 | ·08 | — | — | — | ·79 | — | | 18 |
| 19 | ·15 | — | — | — | — | — | ·35 | — | — | — | ·07 | — | | 19 |
| 20 | ·12 | — | ·07 | — | — | ·06 | ·04 | — | — | — | — | — | | 20 |
| 21 | ·06 | ·01 | ·30 | ·02 | — | — | — | ·11 | ·11 | — | — | — | | 21 |
| 22 | ·11 | ·50 | ·07 | ·13 | — | — | ·09 | — | — | ·04 | ·56 | — | | 22 |
| 23 | ·04 | ·30 | ·01 | ·12 | — | ·16 | ·13 | — | — | ·35 | ·20 | — | | 23 |
| 24 | — | ·14 | — | — | — | ·01 | ·09 | — | — | ·19 | ·09 | — | | 24 |
| 25 | ·07 | ·11 | — | ·39 | — | ·07 | — | — | — | ·02 | ·68 | ·03 | | 25 |
| 26 | — | — | — | — | — | — | — | "tr" | — | — | ·33 | — | | 26 |
| 27 | — | ·67 | ·05 | — | — | ·25 | ·16 | ·02 | — | — | ·19 | ·01 's' | | 27 |
| 28 | — | ·06 | ·11 | ·05 | — | ·05 | ·57 | ·01 | — | — | ·50 | — | | 28 |
| 29 | — | × | — | ·06 | — | — | 1·16 | ·17 | — | ·06 | ·09 | ·01 | | 29 |
| 30 | — | × | — | — | — | ·04 | ·17 | — | — | — | ·03 | ·09 | | 30 |
| 31 | — | × | — | × | — | × | ·18 | ·04 | × | — | × | — | | 31 |
| TOTAL | 4·89 | 2·69 | 1·46 | 2·07 | 1·40 | 3·04 | 6·22 | 1·95 | ·99 | 2·34 | 5·20 | 2·63 | Year's Total 34·88 | ✓ |
| * Days with .01 in. or more. | 21 ✓ | 17 ✓ | 18 ✓ | 16 ✓ | 7 ✓ | 15 ✓ | 23 ✓ | 12 ✓ | 8 ✓ | 15 ✓ | 23 ✓ | 12 ✓ | 187 | ✓ |
| * Days with .04 in. or more. | 20 ✓ | 13 ✓ | 12 ✓ | 11 ✓ | 7 ✓ | 14 ✓ | 22 ✓ | 7 ✓ | 6 ✓ | 13 ✓ | 20 ✓ | 8 ✓ | 153 | ✓ |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) ....................

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 28~~5~~8

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 19~~3~~40

*Kept at* QUEENS DRIVE DEPÔT, WALTON,-
*in the County of* LANCASTER, -L.POOL
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
,, Ground ,, Sea Level 119·2 ft.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

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| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | — | ·04 | — | ·09 | — | — | — | — | — | — | ·23 | ·11 | | 1 |
| 2 | — | ·03 | — | ·16 | — | — | ·08 | — | — | — | ·21 | ·28 | | 2 |
| 3 | ·01 | ·07 | ·01 | ·16 | — | — | ·13 | — | — | ·01 | ·03 | ·05 | | 3 |
| 4 | — | ·08 | — | — | — | — | ·01 | — | ·01 | ·13 | ·16 | ·08 | | 4 |
| 5 | — | — | — | — | ·20 | — | ·27 | — | — | ·20 | ·18 | ·12 | | 5 |
| 6 | ·10 | ·20 | — | — | — | — | ·16 | — | — | ·86 | ·10 | ·10 | | 6 |
| 7 | ·03 | ·28 | — | ·14 | ·03 | — | — | ·02 | ·22 | ·04 | — | ·02 | | 7 |
| 8 | ·01 | — | — | — | — | — | — | — | ·13 | ·26 | — | ·27 | | 8 |
| 9 | — | — | ·28 | — | — | — | ·95 | ·05 | ·07 | ·49 | 1·20 | ·15 | | 9 |
| 10 | — | — | ·03 | — | — | — | ·23 | ·07 | — | ·23 | ·18 | ·20 | | 10 |
| 11 | — | — | ·07 | ·03 | — | ·01 | ·24 | — | — | — | 1·20 | ·04 | | 11 |
| 12 | — | — | ·20 | — | — | ·17 | 1·00 | ·16 | ·27 | — | ·18 | — | | 12 |
| 13 | — | — | ·34's' | — | — | — | — | ·07 | ·42 | — | ·07 | ·03 | | 13 |
| 14 | — | — | — | ·08 | ·13 | — | ·17 | ·15 | ·36 | ·01 | ·04 | ·12 | | 14 |
| 15 | — | — | — | ·05 | 1·00 | — | — | — | ·05 | — | ·08 | ·04 | | 15 |
| 16 | — | ·03 | ·25 | — | — | — | ·18 | — | ·67 | ·39 | ·18 | ·09 | | 16 |
| 17 | — | — | ·54 | ·02 | — | — | ·04 | — | — | — | ·52 | ·01 | | 17 |
| 18 | ·02's' | ·33 | ·34 | ·22 | — | — | ·05 | ·38 | ·28 | — | — | ·30 | | 18 |
| 19 | — | ·27 | ·13 | ·01 | — | — | ·38 | — | ·15 | ·01 | ·13 | — | | 19 |
| 20 | — | — | — | ·27 | — | — | ·15 | ·03 | ·24 | ·41 | ·02 | — | | 20 |
| 21 | — | — | ·03 | — | ·01 | ·32 | — | — | — | — | ·66 | — | | 21 |
| 22 | — | — | ·05 | — | ·17 | ·19 | — | ·10 | ·13 | ·01 | ·01 | — | | 22 |
| 23 | ·01's' | ·06 | — | ·18 | — | — | ·21 | — | ·10 | — | ·14 | — | | 23 |
| 24 | ·28 | — | ·08 | — | — | — | — | — | — | — | — | — | | 24 |
| 25 | ·02 | — | — | — | ·26 | — | — | — | ·01 | — | — | — | | 25 |
| 26 | ·85's' | ·14 | — | — | ·03 | ·03 | ·19 | ·03 | — | — | ·05 | — | | 26 |
| 27 | ·02's' | ·45 | — | — | — | — | — | — | — | — | ·08 | — | | 27 |
| 28 | ·37's' | ·16 | — | — | ·70 | — | — | ·02 | — | — | — | ·02 | | 28 |
| 29 | ·01 | — | ·37 | ·02 | — | ·21 | ·08 | — | — | ·05 | — | ·48 | | 29 |
| 30 | ·04's' | ✕ | — | ·21 | ·04 | — | — | — | — | ·25 | ·01 | ·07 | | 30 |
| 31 | ·02's' | ✕ | ·05 | ✕ | — | ✕ | — | ·08 | ✕ | ·86 | ✕ | ·06 | | 31 |
| TOTAL | 1·79 | 2·14 | 2·77 | 1·64 | 2·57 | ·93 | 4·52 | 1·16 | 3·11 | 4·21 | 5·66 | 2·64 | Year's Total 33·14 | |
| * Days with .01 in. or more. | 14 | 13 | 15 | 14 | 10 | 6 | 18 | 12 | 15 | 16 | 23 | 21 | 177 | |
| * Days with .04 in. or more. | 5 | 11 | 12 | 10 | 7 | 4 | 17 | 8 | 13 | 12 | 19 | 17 | 135 | |

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) ........................................ [P.T.O.

Section **A** for the entry of D

2819

AIR MINISTRY.— —BRITISH RAINFALL ORGANIZATION.

COPY FOR OFFICIAL USE.

FORM 1090.

# REGIST ALL IN 1931.

2819 —

HOWLEY ~~YARD~~

1931-40

780501

*Kept at* Corporation Yard. W

*in the County of* Lancas

Diameter of Funnel of Gauge

Height of top of Gauge above Ground

,, Ground ,, Sea Level 25·95 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·35 | - | - | ·05 | ·06 | - | - | - | ·04 | ·04 | - | - | 1 |
| 2 | - | ·03 | - | ·57 | - | ·54 | - | - | ·38 | - | ·06 | ·02 | 2 |
| 3 | - | - | - | ·04 | - | ·10 | ·19 | - | ·83 | ·04 | ·88 | ·27 | 3 |
| 4 | - | - | - | - | ·03 | - | ·03 | ·34 | ·74 | - | - | ·12 | 4 |
| 5 | - | ·04 | - | ·21 | ·05 | 1·00 | ·10 | ·99 | - | - | - | ·13 | 5 |
| 6 | - | ·16 | - | - | - | ·18 | ·02 | ·03 | ·26 | ·45 | ·12 | - | 6 |
| 7 | - | ·02 | ·01 | - | - | ·33 | - | ·58 | - | ·08 | ·04 | ·04 | 7 |
| 8 | ·11 | ·05 | - | ·11 | - | ·01 | ·13 | ·55 | - | - | ·15 | ·06 | 8 |
| 9 | ·01 | ·28 | - | - | ·01 | - | - | ·28 | ·02 | ·02 | - | - | 9 |
| 10 | ·02 | ·03 | - | - | ·09 | ·08 | - | ·18 | ·02 | - | ·30 | - | 10 |
| 11 | ·24 | ·21 | - | - | - | ·22 | ·04 | - | - | - | ·05 | - | 11 |
| 12 | ·03 | ·07 | - | - | - | - | ·26 | ·03 | - | ·07 | ·14 | - | 12 |
| 13 | - | - | - | - | - | - | ·21 | 1·01 | - | - | - | - | 13 |
| 14 | ·04 | ·12 | - | - | ·02 | 1·21 | ·08 | ·98 | ·04 | - | ·49 | ·01 | 14 |
| 15 | ·15 | ·27 | - | ·16 | ·13 | - | ·02 | ·16 | - | - | - | ·14 | 15 |
| 16 | ·16 | ·12 | - | ·21 | ·30 | ·14 | ·09 | ·48 | ·24 | - | - | - | 16 |
| 17 | ·04 | - | - | ·14 | ·28 | - | - | ·20 | ·02 | - | ·14 | - | 17 |
| 18 | ·29 | - | - | - | - | ·85 | ·30 | ·12 | - | - | ·57 | - | 18 |
| 19 | ·09 | ·20 | - | - | - | ·06 | ·09 | ·83 | - | ·03 | - | - | 19 |
| 20 | ·01 | ·14 | ·09 | - | - | ·06 | - | ·47 | - | - | - | - | 20 |
| 21 | ·43 | - | ·03 | - | ·12 | ·03 | - | ·21 | - | - | ·10 | - | 21 |
| 22 | ·03 | ·01 | - | ·07 | ·06 | ·02 | ·01 | - | - | - | ·14 | - | 22 |
| 23 | ·36 | - | - | ·03 | ·13 | ·11 | - | - | - | - | ·15 | ·20 | 23 |
| 24 | ·08 | ·01 | - | ·06 | ·38 | - | - | - | - | - | ·03 | - | 24 |
| 25 | ·46 | ·43 | - | ·46 | - | - | ·31 | - | - | - | - | ·10 | 25 |
| 26 | ·03 | ·08 | - | ·06 | - | - | ·09 | - | - | - | ·67 | - | 26 |
| 27 | ·24 | ·19 | - | ·03 | ·32 | - | ·16 | - | - | ·28 | ·68 | ·04 | 27 |
| 28 | ·35 | ·38 | - | - | ·23 | - | - | - | - | - | - | ·11 | 28 |
| 29 | ·06 | X | - | - | ·02 | - | ·03 | - | - | ·59 | ·04 | - | 29 |
| 30 | - | X | - | ·01 | - | - | ·15 | - | ·09 | - | - | ·03 | 30 |
| 31 | ·20 | X | - | X | ·01 | X | ·10 | - | X | - | X | - | 31 |
| TOTAL | 3·78 | 2·84 | 0·13 | 2·21 | 2·24 | 4·94 | 2·41 | 7·44 | 2·68 | 1·60 | 4·75 | 1·27 | YEAR'S TOTAL<br>36·29 |
| *Days with ·01 in. or more. | 23 | 20 | 3 | 15 | 17 | 16 | 20 | 17 | 11 | 9 | 18 | 13. | 182 |
| *Days with ·04 in. or more. | 17 | 15 | 1 | 12 | 12 | 13 | 15 | 15 | 8 | 7 | 17 | 10. | 142 |

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M

*See Instruction 2 (f) on other side.

(Signed) Andrew M Ker.

P.T.O.

Section **A** for the entry of Da

2819

COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1931.

*Kept at* Corporation Yard. Warrington.
*in the County of* Lancashire.
Diameter of Funnel of Gauge 10 in.
Height of top of Gauge above Ground 5 ft. 1. in.
,, Ground ,, Sea Level 25·95. ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·35 | - | - | ·05 | ·06 | - | - | - | ·04 | ·04 | - | - | 1 |
| 2 | - | ·03 | - | ·57 | - | ·54 | - | - | ·38 | - | ·06 | ·02 | 2 |
| 3 | - | - | - | ·04 | - | ·10 | ·19 | - | ·83 | ·04 | ·88 | ·27 | 3 |
| 4 | - | - | - | - | ·03 | - | ·03 | ·34 | ·74 | - | - | ·12 | 4 |
| 5 | - | ·04 | - | ·21 | ·05 | 1·00 | ·10 | ·99 | - | - | - | ·13 | 5 |
| 6 | - | ·16 | - | - | - | ·18 | ·02 | ·03 | ·26 | ·45 | ·12 | - | 6 |
| 7 | - | ·02 | ·01 | - | - | ·33 | - | ·58 | - | ·08 | ·04 | ·04 | 7 |
| 8 | ·11 | ·05 | - | ·11 | - | ·01 | ·13 | ·55 | - | - | ·15 | ·06 | 8 |
| 9 | ·01 | ·28 | - | - | ·01 | - | - | ·28 | ·02 | ·02 | - | - | 9 |
| 10 | ·02 | ·03 | - | - | ·09 | ·08 | - | ·18 | ·02 | - | ·30 | - | 10 |
| 11 | ·24 | ·21 | - | - | - | ·22 | ·04 | - | - | - | ·05 | - | 11 |
| 12 | ·03 | ·07 | - | - | - | - | ·26 | ·03 | - | ·07 | ·14 | - | 12 |
| 13 | - | - | - | - | - | - | ·21 | 1·01 | - | - | - | - | 13 |
| 14 | ·04 | ·12 | - | - | ·02 | 1·21 | ·08 | ·98 | ·04 | - | ·49 | ·01 | 14 |
| 15 | ·15 | ·27 | - | ·16 | ·13 | - | ·02 | ·16 | - | - | - | ·14 | 15 |
| 16 | ·16 | ·12 | - | ·21 | ·30 | ·14 | ·09 | ·48 | ·24 | - | - | - | 16 |
| 17 | ·04 | - | - | ·14 | ·28 | - | - | ·20 | ·02 | - | ·14 | - | 17 |
| 18 | ·29 | - | - | - | - | ·85 | ·30 | ·12 | - | - | ·57 | - | 18 |
| 19 | ·09 | ·20 | - | - | - | ·06 | ·09 | ·83 | - | ·03 | - | - | 19 |
| 20 | ·01 | ·14 | ·09 | - | - | ·06 | - | ·47 | - | - | - | - | 20 |
| 21 | ·43 | - | ·03 | - | ·12 | ·03 | - | ·21 | - | - | ·10 | - | 21 |
| 22 | ·03 | ·01 | - | ·07 | ·06 | ·02 | ·01 | - | - | - | ·14 | - | 22 |
| 23 | ·36 | - | - | ·03 | ·13 | ·11 | - | - | - | - | ·15 | ·20 | 23 |
| 24 | ·08 | ·01 | - | ·06 | ·38 | - | - | - | - | - | ·03 | - | 24 |
| 25 | ·46 | ·43 | - | ·46 | - | - | ·31 | - | - | - | - | ·10 | 25 |
| 26 | ·03 | ·08 | - | ·06 | - | - | ·09 | - | - | - | ·67 | - | 26 |
| 27 | ·24 | ·19 | - | ·03 | ·32 | - | ·16 | - | - | ·28 | ·68 | ·04 | 27 |
| 28 | ·35 | ·38 | - | - | ·23 | - | - | - | - | - | - | ·11 | 28 |
| 29 | ·06 | X | - | - | ·02 | - | ·03 | - | - | ·59 | ·04 | - | 29 |
| 30 | - | X | - | ·01 | - | - | ·15 | - | ·09 | - | - | ·03 | 30 |
| 31 | ·20 | X | - | X | ·01 | X | ·10 | - | X | - | X | - | 31 |
| TOTAL | 3·78 | 2·84 | 0·13 | 2·21 | 2·24 | 4·94 | 2·41 | 7·44 | 2·68 | 1·60 | 4·75 | 1·27 | YEAR'S TOTAL 36·29 |
| *Days with ·01 in. or more. | 23 | 20 | 3 | 15 | 17 | 16 | 20 | 17 | 11 | 9 | 18 | 13. | 182 |
| *Days with ·04 in. or more. | 17 | 15 | 1 | 12 | 12 | 13 | 15 | 15 | 8 | 7 | 17 | 10. | 142 |

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*See Instruction 2 (*f*) on other side.

(*Signed*) Andrew McKerr

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2819.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1932.

*Kept at* Corporation Yard Warrington

*in the County of* Lancashire.

Diameter of Funnel of Gauge 10 in.

Height of top of Gauge above Ground 5 ft 1 in.

,, Ground ,, Sea Level 25·95 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

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Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·11 | – | – | – | ·36 | – | ·17 | ·50 | ·12 | ·07 | ·05 | ·02 | 1 |
| 2 | ·50 | – | – | ·34 | ·28 | – | ·07 | ·01 | ·33 | ·25 | ·03 | ·27 | 2 |
| 3 | – | – | – | – | – | – | ·08 | ·08 | ·03 | – | ·08 | – | 3 |
| 4 | – | – | – | ·09 | – | – | ·06 | – | – | – | ·16 | – | 4 |
| 5 | ·76 | – | ·09 | – | ·04 | – | – | – | – | ·02 | – | – | 5 |
| 6 | ·80 | – | ·13 | ·08 | – | – | ·02 | – | ·10 | – | – | – | 6 |
| 7 | ·09 | – | ·25 | ·43 | – | – | – | – | ·54 | ·52 | – | – | 7 |
| 8 | – | – | – | ·15 | – | – | – | – | ·02 | ·36 | – | – | 8 |
| 9 | ·04 | – | – | ·12 | ·13 | – | – | – | ·02 | – | ·03 | – | 9 |
| 10 | ·40 | – | – | ·15 | – | – | – | – | ·59 | ·42 | ·03 | – | 10 |
| 11 | ·02 | – | – | ·06 | ·33 | ·06 | ·24 | – | – | – | – | – | 11 |
| 12 | ·11 | – | – | – | ·12 | – | ·15 | – | ·01 | ·33 | – | – | 12 |
| 13 | – | – | – | – | – | – | ·37 | ·04 | ·16 | ·64 | – | ·19 | 13 |
| 14 | – | – | – | ·03 | – | – | ·16 | – | – | ·19 | ·12 | ·05 | 14 |
| 15 | – | – | – | ·04 | ·80 | – | – | – | – | ·05 | – | ·01 | 15 |
| 16 | ·15 | – | – | – | – | – | – | – | – | ·02 | – | ·05 | 16 |
| 17 | – | – | – | – | – | – | ·11 | – | ·04 | ·34 | – | – | 17 |
| 18 | – | – | – | – | ·02 | – | – | – | ·02 | – | ·03 | – | 18 |
| 19 | – | – | – | ·14 | ·02 | – | ·01 | – | – | ·22 | – | – | 19 |
| 20 | – | – | – | ·24 | ·40 | – | ·02 | ·46 | – | ·16 | ·03 | ·03 | 20 |
| 21 | ·04 | – | ·25 | – | ·46 | – | – | ·27 | – | ·49 | ·12 | – | 21 |
| 22 | – | – | ·12 | ·07 | ·81 | – | – | – | – | ·08 | ·69 | – | 22 |
| 23 | – | – | – | – | ·37 | – | ·12 | – | – | ·20 | ·13 | ·04 | 23 |
| 24 | ·05 | – | – | – | – | – | ·35 | – | ·17 | – | ·23 | – | 24 |
| 25 | – | – | – | ·02 | – | ·01 | – | – | ·14 | ·69 | ·12 | – | 25 |
| 26 | – | – | – | ·09 | ·27 | ·01 | ·15 | – | ·35 | ·07 | ·05 | – | 26 |
| 27 | – | – | ·45 | ·16 | ·19 | ·13 | ·16 | – | – | ·10 | ·11 | ·04 | 27 |
| 28 | – | – | ·03 | ·07 | ·15 | – | ·22 | – | – | – | – | – | 28 |
| 29 | ·01 | – | ·40 | ·21 | ·02 | ·06 | ·03 | ·15 | ·13 | ·85 | ·24 | ·27 | 29 |
| 30 | – | × | ·07 | ·06 | – | ·20 | – | – | – | ·42 | ·28 | ·05 | 30 |
| 31 | – | × | ·04 | × | – | × | ·16 | – | × | – | × | ·03 | 31 |
| TOTAL | 3·08 | – | 1·83 | 2·55 | 4·77 | 0·47 | 2·65 | 1·51 | 2·77 | 6·49 | 2·53 | 1·05 | YEAR'S TOTAL 29·70 |
| *Days with ·01 in. or more. | 13 | – | 10 | 19 | 17 | 6 | 19 | 7 | 16 | 22 | 18 | 12 | 159 |
| *Days with ·04 in. or more. | 11 | – | 9 | 17 | 14 | 4 | 15 | 6 | 11. | 20 | 13 | 8 | 128 |

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*See Instruction 2 (*f*) on other side.

(Signed) Andrew M Ker P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.    Station No. 2819.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1933.

*Kept at* Corporation Yard. Warrington.

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Diameter of Funnel of Gauge 10 in.

Height of top of Gauge above Ground 5 ft 1 in.

,, Ground ,, Sea Level 25·95 ft.

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| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·01 | ·16 | ·07 | - | - | ·01 | - | - | - | - | ·08 | - | 1 |
| 2 | ·20 | - | ·14 | ·10 | ·02 | ·05 | - | - | - | - | - | - | 2 |
| 3 | - | ·36 | ·10 | - | ·28 | - | - | - | - | - | - | - | 3 |
| 4 | ·23 | ·03 | ·11 | - | ·05 | - | - | - | - | - | - | - | 4 |
| 5 | ·11 | ·02 | ·01 | - | - | - | - | - | - | - | ·05 | - | 5 |
| 6 | - | ·07 | ·12 | - | ·13 | - | - | - | - | - | - | - | 6 |
| 7 | - | ·37 | - | - | ·04 | - | ·39 | - | - | ·63 | ·01 | - | 7 |
| 8 | ·13 | - | ·14 | ·07 | - | - | ·37 | - | - | - | - | ·03 | 8 |
| 9 | - | ·06 | - | ·02 | ·04 | - | ·44 | - | - | ·54 | - | - | 9 |
| 10 | ·06 | ·43 | - | - | ·09 | ·04 | ·06 | - | - | 1·30 | ·06 | - | 10 |
| 11 | - | - | - | - | - | - | ·28 | - | - | ·15 | - | ·13 | 11 |
| 12 | - | - | - | - | - | ·07 | ·29 | - | - | ·06 | - | - | 12 |
| 13 | - | - | - | - | ·11 | - | ·15 | ·02 | ·04 | ·20 | ·16 | - | 13 |
| 14 | ·06 | - | - | - | - | - | ·05 | ·15 | - | - | ·28 | - | 14 |
| 15 | ·18 | - | - | - | - | ·01 | - | ·05 | - | ·37 | - | - | 15 |
| 16 | ·20 | - | ·12 | - | ·05 | ·24 | - | ·01 | - | ·15 | - | - | 16 |
| 17 | ·06 | ·09 | ·63 | - | - | ·54 | - | - | ·02 | - | ·01 | - | 17 |
| 18 | ·04 | - | ·17 | - | - | ·36 | - | - | - | - | ·16 | - | 18 |
| 19 | - | - | ·34 | - | - | ·95 | ·02 | - | ·11 | - | ·13 | - | 19 |
| 20 | - | ·14 | - | - | ·23 | ·13 | - | ·98 | ·09 | - | - | - | 20 |
| 21 | - | - | - | - | - | - | - | ·24 | - | - | - | - | 21 |
| 22 | - | - | - | ·05 | - | - | - | ·12 | - | ·02 | - | - | 22 |
| 23 | - | - | - | ·18 | - | ·12 | - | - | ·08 | ·14 | - | - | 23 |
| 24 | - | ·16 | - | ·12 | ·12 | ·07 | - | - | ·35 | - | - | - | 24 |
| 25 | - | ·41 | - | - | - | - | - | - | ·13 | - | - | ·16 | 25 |
| 26 | - | ·51 | - | ·21 | - | - | - | - | - | ·40 | - | - | 26 |
| 27 | - | ·01 | - | - | ·31 | - | - | - | - | - | - | - | 27 |
| 28 | - | - | - | ·02 | - | ·09 | - | ·08 | - | - | - | - | 28 |
| 29 | - | × | - | - | - | - | ·15 | - | - | ·02 | - | ·05 | 29 |
| 30 | ·08 | × | ·05 | ·10 | ·02 | - | ·02 | - | - | ·13 | - | - | 30 |
| 31 | ·01 | × | ·04 | × | - | × | - | - | × | ·38 | × | - | 31 |
| TOTAL | 1·37 | 2·82 | 2·04 | 0·87 | 1·49 | 2·68 | 2·22 | 1·65 | 0·82 | 4·49 | 0·94 | 0·37 | YEAR'S TOTAL 21·76 |
| *Days with ·01 in. or more. | 13 | 14 | 13 | 9 | 13 | 13 | 11 | 8 | 7 | 14 | 9 | 4 | 128. |
| *Days with .04 in. or more. | 11 | 11 | 12 | 7 | 11 | 11 | 9 | 6 | 6 | 12 | 7 | 3 | 106. |

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*See Instruction 2 (*f*) on other side.

D M

(Signed) Andrew M. Ker.

P.T.O.

COPY FOR OFFICIAL USE.

Section **A.** for the entry of Daily Observations. Station No. 2819

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 10.

# REGISTER OF RAINFALL IN 1933.

*Kept at* Warrington, Howley Yard

*in the County of* S. Lancashire 2

Diameter of Funnel of Gauge ............ in.

Height of top of Gauge above Ground ............ ft ............ in.

,, Ground ,, Sea Level ............ ft.

Dup

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

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Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |  | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † |  |
| 1 |  |  |  |  |  | ·01 |  |  |  |  | ·08 |  |  | 1 |
| 2 |  |  |  | ·10 | ·02 | ·05 |  |  |  |  |  |  |  | 2 |
| 3 |  |  |  |  | ·28 |  |  |  |  |  |  |  |  | 3 |
| 4 |  |  |  |  | ·05 |  |  |  |  |  |  |  |  | 4 |
| 5 |  |  |  |  |  |  |  |  |  |  | ·05 |  |  | 5 |
| 6 |  |  |  |  | 13 |  |  |  |  |  |  |  |  | 6 |
| 7 |  |  |  |  | ·04 |  | 39 |  |  | ·63 | ·01 |  |  | 7 |
| 8 |  |  |  | ·07 |  |  | 37 |  |  |  |  | ·03 |  | 8 |
| 9 |  |  |  | ·02 | 04 |  | ·44 |  |  | 54 |  |  |  | 9 |
| 10 |  |  |  |  | 09 | 04 | ·06 |  |  | 1·30 | ·06 |  |  | 10 |
| 11 |  |  |  |  |  |  | ·28 |  |  | ·15 |  | ·13 |  | 11 |
| 12 |  |  |  |  |  | ·07 | ·29 |  |  | ·06 |  |  |  | 12 |
| 13 |  |  |  |  | ·11 |  | ·15 | ·02 | ·04 | ·20 | ·16 |  |  | 13 |
| 14 |  |  |  |  |  |  | ·05 | ·15 |  |  | ·28 |  |  | 14 |
| 15 |  |  |  |  |  | 01 |  | ·05 |  | 37 |  |  |  | 15 |
| 16 |  |  |  |  | ·05 | ·24 |  | ·01 |  | ·15 |  |  |  | 16 |
| 17 |  |  |  |  |  | ·54 |  |  | ·02 |  | ·01 |  |  | 17 |
| 18 |  |  |  |  |  | ·36 |  |  |  |  | ·16 |  |  | 18 |
| 19 |  |  |  |  |  | ·95 | 02 |  | ·11 |  | 13 |  |  | 19 |
| 20 |  |  |  |  | ·23 | ·13 |  | ·98 | 09 |  |  |  |  | 20 |
| 21 |  |  |  |  |  |  |  | ·24 |  |  |  |  |  | 21 |
| 22 |  |  |  | ·05 |  |  |  | ·12 |  | ·02 |  |  |  | 22 |
| 23 |  |  |  | ·18 |  | ·12 |  |  | ·08 | ·14 |  |  |  | 23 |
| 24 |  |  |  | ·12 | ·12 | ·07 |  |  | ·35 |  |  |  |  | 24 |
| 25 |  |  |  |  |  |  |  |  | ·13 |  |  | ·16 |  | 25 |
| 26 |  |  |  | ·21 |  |  |  |  |  | ·40 |  |  |  | 26 |
| 27 |  |  |  |  | ·31 |  |  |  |  |  |  |  |  | 27 |
| 28 |  |  |  | ·02 |  | ·09 |  | ·08 |  |  |  |  |  | 28 |
| 29 |  |  |  |  |  |  | ·15 |  |  | ·02 |  | ·05 |  | 29 |
| 30 |  | × |  | ·10 | ·02 |  | ·02 |  |  | ·13 |  |  |  | 30 |
| 31 |  | × |  | × |  | × |  |  | × | 38 | × |  |  | 31 |
| TOTAL |  |  |  | ·87 | 1·49 | 2·68 | 2·22 | 1·65 | ·82 | 4·49 | ·94 | ·37 | Year's Total |  |
| *Days with ·01 in. or more. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *Days with .04 in. or more. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) ............

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2819

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1934.

*Kept at* CORPORATION YARD, WARRINGTON

*in the County of* LANCASHIRE

Diameter of Funnel of Gauge 10 in.

Height of top of Gauge above Ground 5 ft. 1 in.

,, Ground ,, Sea Level 25·95 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

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Jan. 1, following

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † |  |
| 1 | ·26 | — | — | — | — | — | — | ·04 | ·17 | ·03 | ·32 | ·48 |  | 1 |
| 2 | — | — | ·11 | — | — | — | — | ·49 | ·04 | — | ·23 | ·27 |  | 2 |
| 3 | ·10 | — | — | — | — | — | — | ·14 | ·01 | ·06 | — | ·03 |  | 3 |
| 4 | ·17 | — | ·06 | — | ·08 | — | — | — | — | ·88 | ·01 | 1·11 |  | 4 |
| 5 | — | — | ·08 | — | ·03 | — | — | ·55 | — | ·11 | — | ·06 |  | 5 |
| 6 | — | — | ·06 | — | ·41 | ·02 | — | ·05 | — | ·18 | — | ·34 |  | 6 |
| 7 | ·34 | — | ·03 | ·03 | — | ·11 | — | — | — | ·06 | ·10 | ·20 |  | 7 |
| 8 | — | — | — | — | ·08 | ·05 | — | — | — | ·03 | ·43 | — |  | 8 |
| 9 | — | — | ·14 | — | — | — | — | ·08 | — | ·09 | ·39 | ·01 |  | 9 |
| 10 | — | — | ·20 | ·20 | — | — | — | ·19 | — | ·12 | ·01 | — |  | 10 |
| 11 | — | — | ·01 | ·25 | — | — | ·02 | ·22 | — | — | ·04 | — |  | 11 |
| 12 | — | — | ·03 | ·03 | — | — | — | ·12 | — | — | — | — |  | 12 |
| 13 | ·33 | — | — | ·07 | ·01 | — | ·09 | — | — | ·02 | ·12 | ·20 |  | 13 |
| 14 | ·20 | — | ·11 | — | ·02 | — | — | — | — | ·27 | — | ·04 |  | 14 |
| 15 | ·08 | — | ·25 | — | ·70 | — | ·01 | ·04 | — | ·07 | ·02 | ·18 |  | 15 |
| 16 | ·37 | — | ·06 | — | ·03 | — | — | — | — | ·23 | — | — |  | 16 |
| 17 | ·16 | — | ·27 | ·05 | ·21 | — | ·68 | — | ·24 | ·03 | — | ·07 |  | 17 |
| 18 | ·12 | — | ·02 | ·22 | ·77 | ·15 | — | — | — | ·01 | — | ·07 |  | 18 |
| 19 | ·02 | — | ·12 | — | — | ·25 | — | ·02 | ·37 | ·07 | — | — |  | 19 |
| 20 | — | — | ·01 | ·09 | ·12 | ·01 | — | — | ·21 | — | — | ·07 |  | 20 |
| 21 | — | — | ·05 | — | — | ·29 | — | ·04 | ·15 | ·08 | — | — |  | 21 |
| 22 | — | — | — | — | — | — | — | ·12 | ·37 | ·07 | — | ·06 |  | 22 |
| 23 | — | — | ·09 | ·55 | ·02 | ·14 | ·50 | ·01 | — | ·11 | — | ·05 |  | 23 |
| 24 | — | ·28 | ·02 | ·05 | — | — | — | — | ·08 | ·05 | — | — |  | 24 |
| 25 | — | ·01 | — | ·11 | — | — | ·06 | — | ·09 | ·16 | — | ·42 |  | 25 |
| 26 | — | — | ·01 | ·07 | — | — | ·36 | — | ·09 | ·07 | — | ·03 |  | 26 |
| 27 | — | — | — | ·13 | — | ·15 | — | — | ·08 | ·11 | — | ·34 |  | 27 |
| 28 | — | — | — | — | — | ·14 | ·02 | ·27 | — | ·17 | — | ·54 |  | 28 |
| 29 | — | × | — | — | — | — | ·09 | ·29 | ·19 | ·86 | — | ·08 |  | 29 |
| 30 | ·09 | × | — | — | — | — | — | ·15 | ·06 | ·43 | — | — |  | 30 |
| 31 | — | × | — | × | — | × | ·08 | ·03 | × | ·33 | × | ·08 |  | 31 |
| TOTAL | 2·24 | 0·29 | 1·73 | 1·85 | 2·00 | 1·31 | 1·91 | 2·85 | 2·15 | 4·70 | 1·67 | 4·73 | Year's Total.<br>27·43 | ✓ |
| * Days with .01 in. or more. | 12 | 2 | 20 | 13 | 12 | 10 | 10 | 18 | 14 | 27 | 10 | 22 | 170 |  |
| * Days with .04 in. or more. | 11 | 1 | 13 | 11 | 8 | 8 | 7 | 15 | 13 | 22 | 7 | 19 | 135 |  |

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† Spare column, no entries required.

(*Signed*) J G Hughes En.

* See Instruction 2 (f) on other side.

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FORM 1090.

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Diameter of Funnel of Gauge 10 in.

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| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·38 | — | — | ·03 | — | ·04 | ·12 | — | ·14 | ·24 | ·04 | ·09 | | 1 |
| 2 | — | ·14 | ·04 | — | — | ·34 | — | — | ·01 | ·04 | ·05 | ·19 | | 2 |
| 3 | ·05 | ·41 | ·20 | ·09 | — | ·38 | ·02 | — | ·19 | ·02 | ·12 | ·11 | | 3 |
| 4 | — | — | ·04 | ·03 | — | ·21 | — | — | — | ·24 | — | ·08 | | 4 |
| 5 | — | ·26 | ·09 | ·13 | — | ·09 | — | — | ·13 | ·17 | ·45 | ·26 | | 5 |
| 6 | — | — | — | ·11 | — | ·12 | — | — | — | — | — | — | | 6 |
| 7 | — | — | — | ·09 | — | ·03 | — | — | — | ·07 | ·16 | ·26 | | 7 |
| 8 | — | — | — | ·09 | — | ·23 | — | — | — | ·04 | ·17 | ·04 | | 8 |
| 9 | ·05 | — | — | — | — | ·07 | — | — | — | 1·28 | ·12 | — | | 9 |
| 10 | — | ·04 | — | ·08 | — | — | — | — | — | ·04 | ·08 | — | | 10 |
| 11 | ·62 | ·03 | — | — | — | ·17 | — | — | — | ·06 | ·08 | — | | 11 |
| 12 | ·02 | ·04 | — | — | — | ·72 | — | — | ·03 | — | — | — | | 12 |
| 13 | ·23 | — | — | ·09 | ·28 | — | — | — | ·08 | ·02 | — | — | | 13 |
| 14 | — | — | — | ·03 | — | ·11 | — | — | ·04 | — | ·91 | ·19 | | 14 |
| 15 | — | ·32 | — | ·35 | ·05 | — | ·04 | — | ·13 | — | — | ·84 | | 15 |
| 16 | ·04 | ·16 | — | ·17 | ·03 | ·68 | ·06 | — | ·64 | — | ·37 | — | | 16 |
| 17 | — | — | — | ·14 | ·37 | ·35 | ·45 | ·19 | ·30 | ·05 | ·62 | — | | 17 |
| 18 | — | — | — | ·14 | ·12 | ·06 | ·04 | — | ·40 | ·12 | — | — | | 18 |
| 19 | — | ·08 | — | ·23 | ·21 | ·25 | ·09 | — | ·17 | ·14 | ·17 | — | | 19 |
| 20 | — | ·31 | — | ·23 | — | ·10 | ·07 | — | — | — | ·06 | — | | 20 |
| 21 | — | ·30 | ·03 | — | — | — | — | — | ·46 | ·04 | ·02 | — | | 21 |
| 22 | — | ·16 | — | — | — | — | — | — | ·07 | — | — | — | | 22 |
| 23 | ·02 | — | ·43 | — | — | — | — | — | ·10 | ·51 | — | ·50 | | 23 |
| 24 | ·27 | ·25 | ·07 | ·04 | — | — | — | — | ·92 | ·06 | — | ·12 | | 24 |
| 25 | ·12 | — | ·04 | — | — | ·07 | — | — | — | — | ·25 | ·09 | | 25 |
| 26 | — | ·01 | — | — | — | — | — | ·60 | ·50 | ·03 | ·07 | ·39 | | 26 |
| 27 | — | — | — | — | ·07 | — | ·09 | ·01 | ·35 | ·32 | ·34 | — | | 27 |
| 28 | ·01 | ·10 | — | — | — | ·05 | — | ·13 | ·29 | ·24 | ·04 | — | | 28 |
| 29 | — | ✕ | ·02 | — | — | ·01 | — | ·34 | ·42 | ·10 | ·03 | ·09 | | 29 |
| 30 | ·02 | ✕ | — | — | — | ·28 | — | ·11 | ·12 | ·26 | ·53 | ·07 | | 30 |
| 31 | ·01 | ✕ | — | ✕ | — | ✕ | — | — | ✕ | ·15 | ✕ | ·34 | Year's Total | 31 |
| TOTAL | 1·84 | 2·61 | ·96 | 2·07 | 1·13 | 4·36 | ·98 | 1·38 | 5·49 | 4·24 | 4·68 | 3·66 | 33·40 | |
| * Days with .01 in. or more. | 13 | 15 | 9 | 17 | 7 | 21 | 9 | 6 | 21 | 23 | 21 | 16 | 178 | ✓ |
| * Days with .04 in. or more. | 8 | 13 | 7 | 14 | 6 | 19 | 8 | 5 | 19 | 20 | 19 | 16 | 154 | ✓ |

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† Spare column, no entries required.

(*Signed*) J. T. Hughes

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FORM 1090.

# REGISTER OF RAINFALL IN 1936.

*Kept at* Warrington, Corporation Yd

*in the County of* S. Lancs

Diameter of Funnel of Gauge.................in.

Height of top of Gauge above Ground.........ft..........in.

,, Ground ,, Sea Level .................ft.

Copy by B.R.O.

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| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | – | ·08 | – | ·27 | – | ·15 | – | ·39 | ·05 | — | ·19 | ·42 | | 1 |
| 2 | ·07 | – | – | ·13 | – | – | ·11 | ·02 | — | — | ·10 | ·11 | | 2 |
| 3 | – | – | – | – | – | ·39 | ·02 | ·09 | ·62 | — | – | ·04 | | 3 |
| 4 | ·09 | ·20 | ·16 | – | – | ·01 | ·03 | ·04 | ·26 | — | ·22 | ·15 | | 4 |
| 5 | ·07 | ·05 | ·18 | – | – | ·01 | – | ·28 | ·07 | — | — | ·65 | | 5 |
| 6 | – | – | – | – | ·05 | – | ·08 | – | ·35 | — | ·03 | – | | 6 |
| 7 | – | – | ·06 | – | – | – | ·08 | – | ·47 | — | ·09 | ·21 | | 7 |
| 8 | ·16 | – | ·14 | – | – | – | – | – | ·01 | — | ·31 | ·05 | | 8 |
| 9 | ·24 | – | ·02 | – | – | – | ·13 | – | ·30 | — | ·13 | ·02 | | 9 |
| 10 | ·10 | – | – | – | – | ·07 | ·14 | – | ·01 | — | ·06 | – | | 10 |
| 11 | – | – | – | – | – | ·11 | ·30 | ·02 | ·02 | — | ·32 | – | | 11 |
| 12 | – | – | – | ·01 | ·03 | ·32 | ·30 | – | ·63 | ·05 | ·07 | – | | 12 |
| 13 | – | – | – | – | – | – | ·07 | – | – | ·18 | – | ·44 | | 13 |
| 14 | – | – | – | ·07 | – | ·31 | – | ·04 | ·33 | ·05 | ·20 | ·60 | | 14 |
| 15 | ·28 | – | – | ·21 | ·24 | – | ·04 | – | ·12 | – | ·34 | ·03 | | 15 |
| 16 | ·11 | ·07 | | – | – | – | ·05 | ·01 | – | – | ·62 | – | | 16 |
| 17 | ·10 | ·35 | – | – | – | – | – | ·04 | – | ·21 | ·03 | – | | 17 |
| 18 | – | – | – | – | – | ·05 | ·24 | ·10 | – | ·35 | – | – | | 18 |
| 19 | ·53 | ·13 | – | ·25 | – | ·05 | ·04 | ·32 | – | ·06 | – | – | | 19 |
| 20 | ·45 | ·08 | ·04 | – | – | – | – | – | – | – | – | - | | 20 |
| 21 | ·21 | – | – | ·09 | – | ·43 | – | – | – | – | – | ·02 | | 21 |
| 22 | – | ·48 | ·03 | – | – | ·37 | ·27 | – | – | – | – | ·05 | | 22 |
| 23 | – | – | ·06 | ·02 | ·01 | ·01 | ·39 | – | – | ·04 | – | – | | 23 |
| 24 | ·19 | – | – | ·03 | – | – | – | – | ·17 | ·33 | – | – | | 24 |
| 25 | ·22 | – | ·02 | – | – | – | – | – | ·38 | ·33 | – | – | | 25 |
| 26 | ·06 | ·21 | – | – | – | ·03 | ·09 | – | ·13 | ·30 | – | – | | 26 |
| 27 | ·84 | – | – | – | – | – | ·02 | – | ·08 | ·49 | – | – | | 27 |
| 28 | ·22 | – | ·15 | – | – | – | ·10 | – | – | – | ·15 | ·05 | | 28 |
| 29 | ·04 | ·09 | ·52 | – | ·14 | ·50 | – | – | – | ·02 | – | ·05 | | 29 |
| 30 | ·08 | ✕ | – | – | – | ·04 | ·28 | ·02 | – | ·27 | ·12 | – | | 30 |
| 31 | ·06 | ✕ | ·04 | ✕ | – | ✕ | ·02 | ·01 | ✕ | – | ✕ | ·15 | | 31 |
| TOTAL | 4·12 | 1·74 | 1·42 | 1·08 | ·47 | 2·85 | 2·80 | 1·38 | 4·00 | 2·68 | 2·98 | 3·04 | Year's Total 28·56 ✓ | |
| * Days with .01 in. or more. | 20 | 10 | 12 | 9 | 5 | 16 | 21 | 13 | 17 | 13 | 16 | 16 | 168 ✓ | |
| * Days with .04 in. or more. | 20 | 10 | 9 | 6 | 3 | 12 | 17 | 8 | 14 | 12 | 14 | 13 | 138 ✓ | |

40-9999.

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·01 | ·30 | ·04 | — | — | — | ·06 | — | ·17 | ·63 | — | ·04 | | 1 |
| 2 | — | ·07 | ·05 | ·02 | — | — | — | — | — | — | — | — | | 2 |
| 3 | — | ·09 | — | — | ·14 | ·26 | ·02 | — | — | — | — | — | | 3 |
| 4 | ·24 | ·01 | ·01 | ·04 | ·03 | ·04 | — | ·01 | — | — | — | ·31 | | 4 |
| 5 | ·74 | — | ·03 | ·04 | — | — | ·01 | — | — | — | — | ·18 | | 5 |
| 6 | ·03 | — | — | ·03 | ·10 | — | — | ·10 | — | — | — | ·02 | | 6 |
| 7 | — | ·50 | — | ·23 | — | ·15 | — | — | — | — | — | — | | 7 |
| 8 | — | ·47 | — | ·04 | — | — | ·37 | — | — | — | ·04 | — | | 8 |
| 9 | — | ·14 | ·09 | ·01 | ·17 | — | ·04 | ·08 | — | — | — | — | | 9 |
| 10 | — | ·23 | — | — | — | — | — | — | — | — | — | ·15 | | 10 |
| 11 | — | — | ·24 | — | ·42 | — | — | ·01 | — | — | — | ·02 | | 11 |
| 12 | ·04 | ·55 | ·02 | — | — | ·55 | — | 1·01 | ·37 | — | — | ·14 | | 12 |
| 13 | — | ·06 | — | — | — | — | — | 3·16 | — | — | — | ·15 | | 13 |
| 14 | — | ·05 | ·09 | — | — | — | — | ·29 | ·02 | — | ·02 | ·06 | | 14 |
| 15 | ·27 | ·15 | — | ·36 | — | — | ·40 | — | ·06 | — | — | ·03 | | 15 |
| 16 | ·02 | ·25 | ·20 | ·55 | ·02 | — | — | ·10 | ·05 | — | — | — | | 16 |
| 17 | ·03 | ·05 | ·16 | ·26 | — | — | — | ·02 | ·02 | — | — | — | | 17 |
| 18 | ·36 | ·18 | ·03 | ·04 | — | — | — | ·20 | — | — | ·68 | — | | 18 |
| 19 | ·07 | ·09 | ·03 | ·24 | — | ·08 | ·07 | ·02 | — | — | ·11 | — | | 19 |
| 20 | ·03 | ·05 | — | ·31 | ·20 | ·03 | ·02 | — | ·01 | — | — | ·06 | | 20 |
| 21 | — | ·16 | ·07 | ·14 | ·01 | — | ·22 | — | — | ·08 | — | ·02 | | 21 |
| 22 | ·10 | ·06 | — | — | — | — | ·03 | — | — | ·19 | ·13 | — | | 22 |
| 23 | ·10 | — | — | — | ·50 | — | ·23 | — | ·23 | ·48 | ·29 | — | | 23 |
| 24 | ·17 | ·29 | ·03 | — | — | — | ·20 | — | — | ·45 | — | ·13 | | 24 |
| 25 | — | ·38 | — | — | — | — | — | ·03 | — | ·06 | — | — | | 25 |
| 26 | — | ·25 | ·17 | — | ·41 | — | — | — | ·01 | — | — | ·04 | | 26 |
| 27 | — | ·70 | — | ·19 | — | — | — | — | — | ·44 | — | ·02 | | 27 |
| 28 | — | ·07 | — | — | — | — | — | — | — | ·11 | — | — | | 28 |
| 29 | ·04 | — | — | — | — | — | — | — | — | ·15 | ·18 | — | | 29 |
| 30 | ·17 | × | — | — | — | ·21 | — | — | — | ·06 | ·55 | — | | 30 |
| 31 | ·27 | × | | × | — | × | — | — | × | ·03 | × | — | | 31 |
| TOTAL | 2·69 | 5·15 | 1·26 | 2·50 | 2·00 | 1·32 | 1·67 | 5·03 | ·94 | 2·08 | 2·00 | 1·37 | Year's Total<br>28·01 | ✓ |
| * Days with .01 in. or more. | 17 | 24 | 15 | 15 | 10 | 7 | 12 | 12 | 9 | 11 | 8 | 15 | 155 | ✓ |
| * Days with .04 in. or more. | 12 | 23 | 9 | 12 | 7 | 6 | 8 | 7 | 5 | 9 | 7 | 10 | 115 | ✓ |

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| 1 | | ·02 | | | | ·41 | ·10 | ·01 | ·20 | ·04 | ·06 | ·23 | | 1 |
| 2 | ·02 | ·04 | | ·32 | | ·29 | — | — | – | ·26 | ·21 | ·15 | | 2 |
| 3 | | | | | | | ·21 | — | ·16 | ·53 | ·11 | – | | 3 |
| 4 | ·02 | | | | | | ·13 | ·02 | – | ·02 | – | ·41 | | 4 |
| 5 | ·03 | | | | | ·07 | ·02 | — | ·07 | ·30 | – | ·02 | | 5 |
| 6 | ·09 | | | | | ·08 | ·33 | ·64 | ·52 | ·13 | – | – | | 6 |
| 7 | ·34 | | | | | | ·47 | ·09 | ·08 | ·05 | – | – | | 7 |
| 8 | ·47 | ·03 | | | | | ·44 | ·07 | – | ·49 | – | ·42 | | 8 |
| 9 | ·02 | ·40 | ·18 | | | ·33 | ·07 | ·66 | — | – | – | ·22 | | 9 |
| 10 | ·04 | | | | | ·03 | ·71 | — | ·02 | – | – | ·15 | | 10 |
| 11 | ·25 | ·03 | | | ·05 | ·02 | ·22 | – | – | ·11 | ·06 | ·05 | | 11 |
| 12 | ·04 | | | | ·12 | | — | ·52 | — | 1·23 | ·48 | – | | 12 |
| 13 | ·02 | | | | ·02 | | ·03 | — | ·06 | ·02 | ·04 | ·09 | | 13 |
| 14 | ·23 | | | | ·07 | | ·10 | — | – | ·01 | – | – | | 14 |
| 15 | ·25 | | | | | ·02 | ·13 | ·23 | — | — | – | ·11 | | 15 |
| 16 | ·12 | | ·05 | | ·25 | | ·14 | ·03 | ·03 | — | ·05 | ·06 | | 16 |
| 17 | | | | | ·18 | | ·01 | ·03 | ·10 | ·24 | ·01 | ·01 | | 17 |
| 18 | ·01 | | | | ·06 | | — | ·09 | – | ·25 | ·21 | — | | 18 |
| 19 | | | | | | ·06 | — | ·07 | ·02 | – | – | – | | 19 |
| 20 | ·14 | | ·01 | | | | — | ·05 | ·03 | – | ·28 | — | | 20 |
| 21 | | | | | | ·04 | — | ·06 | — | – | ·22 | – | | 21 |
| 22 | | | | | ·03 | ·28 | — | — | — | | ·48 | ·01 | | 22 |
| 23 | | | | | ·05 | ·16 | — | — | ·09 | – | ·28 | – | | 23 |
| 24 | ·18 | ·08 | ·15 | | ·04 | | – | ·78 | ·02 | ·06 | ·09 | – | 16 | 24 |
| 25 | ·04 | ·11 | ·12 | | ·02 | ·02 | ·05 | — | — | ·64 | ·70 | ·05 | | 25 |
| 26 | ·11 | ·14 | ·25 | | ·03 | ·06 | — | — | ·06 | ·32 | ·32 | ·10 | | 26 |
| 27 | ·30 | ·06 | | | ·60 | ·20 | ·06 | ·18 | – | – | ·27 | – | | 27 |
| 28 | ·15 | ·02 | ·02 | | | ·43 | ·20 | ·09 | ·02 | ·06 | – | ·13 | | 28 |
| 29 | ·34 | | ·05 | | 1·49 | ·10 | ·17 | – | — | ·05 | ·07 | ·28 | | 29 |
| 30 | ·08 | ✕ | | | ·05 | ·04 | — | — | ·35 | – | ·13 | ·27 | | 30 |
| 31 | ·14 | ✕ | | ✕ | ·35 | ✕ | – | — | ✕ | ·43 | ✕ | ·71 | | 31 |
| TOTAL | 3·43 ✓ | ·93 ✓ | ·83 ✓ | ·32 ✓ | 3·41 ✓ | 2·63 ✓ | 3·59 ✓ | 3·62 | 1·83 | 5·24 | 4·07 | 3·47 | Year's Total<br>33·36 | ✓ |
| * Days with .01 in. or more. | 24 ✓ | 10 ✓ | 8 ✓ | 1 ✓ | 16 ✓ | 18 ✓ | 19 ✓ | 17 | 16 | 20 | 19 | 19 | 187 | ✓ |
| * Days with .04 in. or more. | 18 ✓ | 6 ✓ | 6 ✓ | 1 ✓ | 12 ✓ | 14 ✓ | 16 ✓ | 13 | 10 | 17 | 18 | 16 | 147 | ✓ |

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) S. T. Hughes [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 2819

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1939

*Kept at* Warrington, Howley Yard

*in the County of* S. Lancashire

Diameter of Funnel of Gauge 10 in.

Height of top of Gauge above Ground 5 ft. 1 in.

,, Ground ,, Sea Level 26 ft.

Copy by B.R.O.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·28 | - | ✓ | ·31 | - | - | ·01 | - | - | - | - | ·06 | | 1 |
| 2 | ·07 | - | - | ·13 | - | - | ·10 | ·63 | ·13 | - | ·01 | ·21 | | 2 |
| 3 | ·18 | - | ·01 | ·17 | - | - | - | ·02 | - | - | ·06 | ·41 | | 3 |
| 4 | ·61 | - | ·22 | ·10 | ·05 | - | ·18 | - | - | ·07 | ·02 | ·57 | | 4 |
| 5 | - | - | - | ·01 | ·25 | - | ·39 | ·05 | - | ·12 | ·24 | ·01 | | 5 |
| 6 | ·99 | ·02 | - | - | - | - | ·28 | - | - | - | ·04 | - | | 6 |
| 7 | ·05 | ·07 | ·02 | - | - | - | ·06 | ·01 | - | - | ·15 | ·53 | | 7 |
| 8 | ·21 | ·05 | ·36 | - | - | - | ·60 | ·02 | - | ·20 | ·24 | ·10 | | 8 |
| 9 | ·07 | ·16 | - | - | - | - | - | ·34 | - | ·34 | ·12 | ·48 | | 9 |
| 10 | ·34 | - | ·03 | - | - | ·06 | - | ·26 | ·26 | ·04 | ·03 | ·07 | | 10 |
| 11 | ·31 | ·03 | ·22 | - | - | ·50 | - | - | - | - | - | - | | 11 |
| 12 | ·41 | ·15 | - | - | - | ·09 | - | - | ·01 | - | - | - | | 12 |
| 13 | - | - | - | ·26 | ·15 | ·50 | ·20 | - | ·14 | ·10 | ·01 | - | | 13 |
| 14 | ·36 | - | - | - | ·17 | ·09 | ·40 | - | - | ·02 | ·15 | - | | 14 |
| 15 | ·08 | - | - | ·28 | ·07 | ·23 | ·17 | - | - | - | ·14 | - | | 15 |
| 16 | ·02 | - | ·04 | - | ·26" | - | ·07 | - | - | ·19 } | ·18 | - | | 16 |
| 17 | ·78 | ·10 | - | - | ·07 | ·01 | - | - | - | ·77 } | ·02 | - | | 17 |
| 18 | ·17 | ·12 | ·03 | - | - | ·48 | ·18 | - | - | - | 1·00 | - | | 18 |
| 19 | ·13 | - | - | - | - | - | ·47 | - | - | - | - | - | | 19 |
| 20 | ·09 | - | ·18 | - | ·05 | 17 | ·05 | ·06 | - | - | - | - | | 20 |
| 21 | ·10 | ·04 | ·37 | ·14 | ·07 | ·02 | 1·09 | ·43 | - | - | - | - | | 21 |
| 22 | ·02 | ·22 | ·12 | ·09 | - | - | ·10 | - | - | ·04 | ·79 | - | | 22 |
| 23 | ·06 | ·47 | ·03 | ·20 | - | ·03 | ·12 | - | - | ·35 | ·23 | - | | 23 |
| 24 | ·05 | ·09 | - | - | - | ·09 | ·08 | - | - | ·08 | ·05 | - | | 24 |
| 25 | - | ·05 | - | ·01 | - | - | - | - | - | ·01 | ·85 | ·02 | | 25 |
| 26 | - | - | - | - | - | - | - | - | - | - | ·15 | ·02 | | 26 |
| 27 | - | 1·43 | - | - | - | ·23 | ·04 | ·26 | - | - | ·12 | ·11 | | 27 |
| 28 | - | ·16 | ·11 | ·02 | - | ·06 | ·41 | - | - | - | ·54 | ·05 | | 28 |
| 29 | - | | - | ·03 | - | - | 1·35 | - | - | ·06 | ·04 | - | | 29 |
| 30 | - | ✕ | - | - | - | ·01 | ·18 | - | - | - | ·09 | - | | 30 |
| 31 | - | ✕ | - | ✕ | - | ✕ | ·09 | - | ✕ | - | ✕ | - | | 31 |
| TOTAL | 5·28 | 3·16 | 1·74 | 1·75 | 1·14 | 2·57 | 6·62 | 2·08 | ·54 | 2·39 | 5·27 | 2·64 | Year's Total<br>35·18 | ✓ |
| * Days with .01 in. or more. | 22 | 15 | 13 | 13 | 9 | 15 | 23 | 10 | 4 | 14 | 24 | 13 | 175 | ✓ |
| * Days with .04 in. or more. | 20 | 13 | 8 | 9 | 9 | 11 | 22 | 7 | 3 | 12 | 19 | 10 | 143 | ✓ |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) ..............................

P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 2819 ✓

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 19~~3~~ 40

Kept at Warrington Howley Yard
in the County of S. Lancashire
Diameter of Funnel of Gauge 8 in.
Height of top of Gauge above Ground 5 ft. 1 in.
,, Ground ,, Sea Level 26 ft.

Reminder sent for many values.
Letter " " " " today.
Feb 14/11/40

BRITISH RAINFALL ORGANIZATION.

Entry on Jan 24th corrected for rainfall -

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. |  |  |
| 1 | - | - | - | ·10 | - | - | - | - | ·03 | - | ·29 | ·06 |  | 1 |
| 2 | - | - | - | ·30 | - | - | ·08 | - | - | - | ·18 | ·16 |  | 2 |
| 3 | - | ·22 | - | ·31 | - | - | ·27 | - | - | ·06 | ·03 | ·10 |  | 3 |
| 4 | - | ·09 | - | - | - | - | ·01 | - | - | ·15 | ·32 | ·17 |  | 4 |
| 5 | - | ·02 | - | - | ·19 | - | ·17 | - | - | ·37 | ·13 | ·22 |  | 5 |
| 6 | ·14 | ·31 | - | - | - | - | ·26 | - | - | ·62 | ·07 | ·02 |  | 6 |
| 7 | - | ·16 | - | ·16 | ·02 | - | ·27 | ·04 | ·10 | ·02 | - | - |  | 7 |
| 8 | - | - | - | ·03 | - | - | - | ·01 | - | ·10 | - | ·24 |  | 8 |
| 9 | - | - | ·27 | - | - | - | ·75 | ·07 | ·15 | ·22 | 1·23 | ·18 |  | 9 |
| 10 | - | - | ·04 | - | - | - | ·43 | ·43 | ·02 | ·26 | ·31 | ·45 |  | 10 |
| 11 | - | - | ·03 | ·05 | - | - | - | - | - | - | ·68 | ·05 |  | 11 |
| 12 | - | - | ·34 | - | - | ·15 | ·05 | ·04 | ·29 | - | ·30 | - |  | 12 |
| 13 | - | - | ·40 | - | - | - | - | ·05 | ·36 | " | - | ·03 |  | 13 |
| 14 | - | - | ·06 | ·14 | ·12 | - | ·71 | ·06 | ·37 | " | ·26 | ·22 |  | 14 |
| 15 | - | - |  | ·09 | ·35 | - | - | - | ·04 | - | ·08 | ·01 |  | 15 |
| 16 | ·01 | ·14 | ·26 | - | - | - | ·18 | - | 1·13 | ·44 | ·25 | ·11 |  | 16 |
| 17 | - | - | ·68 | - | - | - | ·21 | - | ·03 | - | 1·02 | ·02 |  | 17 |
| 18 | ·08 | ·30 | ·06 | ·21 | - | - | ·01 | ·29 | ·18 | - | ·01 | ·23 |  | 18 |
| 19 | - | ·30 | ·13 | ·06 | - | - | ·12 | - | ·30 | ·01 | ·09 | - |  | 19 |
| 20 | - | ·33 |  | ·21 | - | - | ·16 | ·14 | ·04 | ·31 | ·06 | - |  | 20 |
| 21 | - | - | ·06 | - | - | ·54 | ·08 | ·03 | - | - | 1·05 | - |  | 21 |
| 22 | - | ·01 | ·03 | - | ·25 | ·08 | - | ·10 | ·26 | - | - | - |  | 22 |
| 23 | - | ·15 |  | ·13 | ·16 | - | - | - | ·12 | - | ·20 | - |  | 23 |
| 24 | (·30) ~~·03~~ | - | ·09 | - | ·01 | - | ·05 | - | - | - | - | - |  | 24 |
| 25 | - | - |  | - | ·09 | ·01 | - | - | - | - | - | - |  | 25 |
| 26 | ·90 | ·13 | ·07 | - | ·02 | - | ·05 | - | - | - | ·06 | - |  | 26 |
| 27 | ·54 | ·40 |  | - | - | - | ·20 | - | ·02 | - | ·05 | ·02 |  | 27 |
| 28 | ·09 | ·12 |  | - | - | - | - | ·05 | - | - | - | ·01 |  | 28 |
| 29 | - | - | ·30 | ·03 | - | ·25 | - | - | - | ·03 | - | ·44 |  | 29 |
| 30 | - | × |  | ·15 | - | - | - | - | - | ·24 | - | ·22 |  | 30 |
| 31 | - | × | ·09 | × | - | × | - | - | × | ·69 | × | - |  | 31 |
| TOTAL | 2·06 ~~1·79~~ | 2·68 | 2·91 | 1·97 | 1·21 | 1·06 | 4·06 | 1·31 | 3·44 | 3·52 | 6·67 | 2·96 | Year's Total 33·85 |  |
| * Days with .01 in. or more. | 7 | 14 | 16 | 14 | 9 | 5 | 19 | 12 | 16 | 14 | 21 | 20 | 167 |  |
| * Days with .04 in. or more. | ~~5~~ 6 | 12 | 14 | 12 | 6 | 4 | 7 | 10 | 12 | 11 | 19 | 14 | 137 |  |

1·53

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) The Borough Surveyor

P.T.O.

2820

Section **A** for the entry of Dail

FOR OFFICIAL USE.

AIR MINISTRY.-

ANIZATION.

FORM 1090.

**REGIST**

Sewage Works E

*Kept at* I

*in the County of* LANCASHIR

Diameter of Funnel of Gauge 5

Height of top of Gauge above Groun

„ Ground „ Sea Le

**THE MORNING MEAS**

Y.

*An observer who does not conform*

*following year in the space on the r*

*of the*

Jan. 1, following.

2820

IRLAM SEWAGE WORKS

1931 — 40

780501

| *Date* | Jan. | Feb. | March | A | | | | | | | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | .32 | trace | — | .08 | — | trace | — | .09 | .08 | .05 | — | — | 1 |
| 2 | — | .05 | — | .64 | .03 | .02 | — | — | .44 | — | .2 | .06 | 2 |
| 3 | — | — | — | .01 | — | .08 | — | — | .83 | — | 1.19 | .25 | 3 |
| 4 | .01 | trace | — | .28 | — | — | .08 | .34 | .21 | — | — | .18 | 4 |
| 5 | — | .09 | — | trace | .16 | 1.03 | .42 | 1.14 | — | — | — | .14 | 5 |
| 6 | — | .17 | — | trace | — | .21 | — | trace | .25 | — | .2 | — | 6 |
| 7 | — | trace | — | trace | — | .34 | — | .82 | — | .07 | .07 | .02 | 7 |
| 8 | .07 | .08 | trace | .18 | — | .07 | .13 | .33 | .01 | — | .12 | .04 | 8 |
| 9 | .02 | .39 | — | .15 | trace | .21 | .03 | .37 | trace | — | .15 | .04 | 9 |
| 10 | .02 | — | — | — | .12 | trace | — | .07 | .2 | — | .34 | — | 10 |
| 11 | .3 | .05 | — | — | — | — | .05 | trace | .21 | — | .15 | — | 11 |
| 12 | .05 | .07 | — | — | — | trace | .37 | .03 | — | .1 | — | — | 12 |
| 13 | — | — | .05 | — | — | .04 | .16 | .59 | .05 | — | — | — | 13 |
| 14 | .08 | — | — | trace | trace | .84 | .07 | .89 | .05 | — | — | .12 | 14 |
| 15 | .18 | — | — | .18 | .17 | trace | .01 | .15 | — | — | — | — | 15 |
| 16 | .25 | .13 | — | .24 | .19 | .03 | .05 | .61 | .28 | — | .76 | — | 16 |
| 17 | .06 | — | — | .08 | .52 | — | .08 | .26 | + | — | .19 | — | 17 |
| 18 | .32 | — | — | — | — | .55 | trace | .12 | — | — | .52 | — | 18 |
| 19 | .17 | .17 | — | — | — | trace | .4 | .92 | — | — | .06 | — | 19 |
| 20 | — | .16 | trace | — | — | .03 | .04 | .32 | — | — | .09 | .1 | 20 |
| 21 | .41 | — | .1 | trace | .15 | .02 | — | .15 | — | — | .1 | — | 21 |
| 22 | .06 | .03 | trace | — | .12 | .06 | — | — | — | — | .21 | — | 22 |
| 23 | .38 | — | — | .04 | .11 | .14 | .54 | — | — | — | — | — | 23 |
| 24 | .12 | .03 | — | .03 | .48 | trace | — | — | — | — | .05 | — | 24 |
| 25 | .23 | .46 | — | .45 | .07 | — | trace | — | — | — | trace | — | 25 |
| 26 | .05 | .68 | — | .12 | — | — | .04 | — | — | — | .65 | — | 26 |
| 27 | .29 | .17 | — | .06 | .28 | — | .12 | — | — | .27 | .85 | — | 27 |
| 28 | .26 | .4 | — | — | .32 | trace | trace | — | — | trace | trace | .08 | 28 |
| 29 | .1 | — | — | — | — | — | .2 | — | — | .59 | .03 | trace | 29 |
| 30 | .02 | ✕ | — | .03 | trace | — | — | — | 1 | — | — | .05 | 30 |
| 31 | .33 | ✕ | — | ✕ | — | ✕ | — | — | ✕ | trace | ✕ | .27 | 31 |
| TOTAL | 4.10 | 3.13 | .15 | 2.57 | 2.72 | 3.67 | 2.79 | 7.20 | 2.71 | 1.08 | 5.93 | 1.34 | YEAR'S TOTAL<br>37.39 |
| Days with .01 in. or more. | ~~14~~ 24 | ~~2~~ 16 | ~~0~~ 2 | ~~3~~ 15 | ~~1~~ 13 | ~~14~~ 15 | ~~2~~ 17 | ~~1~~ 17 | ~~1~~ 12 | ~~0~~ 5 | ~~1~~ 19 | ~~1~~ 12 | ~~20~~ 167 |
| Days with .04 in. or more. | 20 | 14 | 2 | 12 | 12 | 11 | ~~14~~ 15 | 16 | 11 | 5 | 18 | 11 | 14~~6~~7 |

40-9999

(Signed) Henry Mead

Engineer & Surveyor.

[P.T.O.

2820

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 19~~2~~31.

*Kept at* Sewage Works Estate, IRLAM U.D.C.

*in the County of* LANCASHIRE.

Diameter of Funnel of Gauge 5. in.

Height of top of Gauge above Ground 1 ft. — in.

" Ground " Sea Level 40 ft.

days

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

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Jan. 1, following.

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·32 | trace | — | ·08 | — | trace | — | ·09 | ·08 | ·05 | — | — | 1 |
| 2 | — | ·05 | — | ·64 | ·03 | ·02 | — | — | ·44 | — | ·2 | ·05 | 2 |
| 3 | — | — | — | ·01 | — | ·08 | — | — | ·83 | — | 1·19 | ·25 | 3 |
| 4 | ·01 | trace | — | ·28 | — | — | ·08 | ·34 | ·21 | — | — | ·18 | 4 |
| 5 | — | ·09 | — | trace | ·16 | 1·03 | ·42 | 1·14 | — | — | — | ·14 | 5 |
| 6 | — | ·17 | — | trace | — | ·21 | — | trace | ·25 | — | ·2 | — | 6 |
| 7 | — | trace | — | trace | — | ·34 | — | ·82 | — | ·07 | ·07 | ·02 | 7 |
| 8 | ·07 | ·08 | trace | ·18 | — | ·07 | ·13 | ·33 | ·01 | — | ·12 | ·04 | 8 |
| 9 | ·02 | ·39 | — | ·15 | trace | ·21 | ·03 | ·37 | trace | — | ·15 | ·04 | 9 |
| 10 | ·02 | — | — | — | ·12 | trace | — | ·07 | ·2 | — | ·34 | — | 10 |
| 11 | ·3 | ·05 | — | — | — | — | ·05 | trace | ·21 | — | ·15 | — | 11 |
| 12 | ·05 | ·07 | — | — | — | trace | ·37 | ·03 | — | ·1 | — | — | 12 |
| 13 | — | — | ·05 | — | — | ·04 | ·16 | ·59 | ·05 | — | — | — | 13 |
| 14 | ·08 | — | — | trace | trace | ·84 | ·07 | ·89 | ·05 | — | — | ·12 | 14 |
| 15 | ·18 | — | — | ·18 | ·17 | trace | ·01 | ·15 | — | — | — | — | 15 |
| 16 | ·25 | ·13 | — | ·24 | ·19 | ·03 | ·05 | ·61 | ·28 | — | ·76 | — | 16 |
| 17 | ·06 | — | — | ·08 | ·52 | — | ·08 | ·26 | — | — | ·19 | — | 17 |
| 18 | ·32 | — | — | — | — | ·55 | trace | ·12 | — | — | ·52 | — | 18 |
| 19 | ·17 | ·17 | — | — | — | trace | ·4 | ·92 | — | — | ·06 | — | 19 |
| 20 | — | ·16 | trace | — | — | ·03 | ·04 | ·32 | — | — | ·09 | ·1 | 20 |
| 21 | ·41 | — | ·1 | trace | ·15 | ·02 | — | ·15 | — | — | ·1 | — | 21 |
| 22 | ·06 | ·03 | trace | — | ·12 | ·06 | — | — | — | — | ·21 | — | 22 |
| 23 | ·38 | — | — | ·04 | ·11 | ·14 | ·54 | — | — | — | — | — | 23 |
| 24 | ·12 | ·03 | — | ·03 | ·48 | trace | — | — | — | — | ·05 | — | 24 |
| 25 | ·23 | ·46 | — | ·45 | ·07 | — | trace | — | — | — | trace | — | 25 |
| 26 | ·05 | ·68 | — | ·12 | — | — | ·04 | — | — | — | ·65 | — | 26 |
| 27 | ·29 | ·17 | — | ·06 | ·28 | — | ·12 | — | — | ·27 | ·85 | — | 27 |
| 28 | ·26 | ·4 | — | — | ·32 | trace | trace | — | — | trace | trace | ·08 | 28 |
| 29 | ·1 | — | — | — | — | — | ·2 | — | — | ·59 | ·03 | trace | 29 |
| 30 | ·02 | × | — | ·03 | trace | — | — | — | ·1 | — | — | ·05 | 30 |
| 31 | ·33 | × | — | × | — | × | — | — | × | trace | × | ·27 | 31 |
| TOTAL | 4·10 | 3·13 | ·15 | 2·57 | 2·72 | 3·67 | 2·79 | 7·20 | 2·71 | 1·08 | 5·93 | 1·34 | YEAR'S TOTAL 37·39 |
| Days with ·01 in. or more. | ~~4~~ 24 | ~~2~~ 16 | ~~0~~ 2 | ~~3~~ 15 | 1 13 | ~~4~~ 15 | ~~2~~ 17 | ~~1~~ 17 | ~~1~~ 12 | 0 5 | 1 19 | 1 12 | ~~20~~ 167 |
| Days with ·04 in. or more. | 20 | 14 | 2 | 12 | 12 | 11 | ~~14~~ 15 | 16 | 11 | 5 | 18 | 11 | 1467 |

40-9999

4

(Signed) ......................................

Engineer & Surveyor.

[P.T.O.

Section **A** for the entry of Daily Observations.

COPY FOR OFFICIAL USE.

Station No. 2820

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1932.

IRLAM.

*Kept at* Sewage Disposal Works I.U.D.C.

*in the County of* Lancaster.

Diameter of Funnel of Gauge 5" in.

Height of top of Gauge above Ground 1 ft — in.

„ Ground „ Sea Level 40 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

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| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·02 | trace | — | ·24 | — | — | ·02 | ·04 | ·17 | ·15 | ·05 | ·23 | 1 |
| 2 | ·28 | — | — | — | ·15 | — | ·09 | — | ·58 | ·16 | ·06 | ·05 | 2 |
| 3 | trace | — | — | ·07 | — | — | ·17 | — | ·2 | ·04 | — | ·07 | 3 |
| 4 | trace | — | — | — | — | — | ·2 | — | trace | trace | ·17 | ·03 | 4 |
| 5 | ·85 | — | ·11 | — | — | — | trace | — | ·2 | ·06 | — | — | 5 |
| 6 | ·72 | — | ·08 | ·31 | ·02 | — | ·06 | — | — | trace | — | — | 6 |
| 7 | ·17 | — | ·27 | ·07 | — | — | — | — | ·38 | ·7 | — | — | 7 |
| 8 | — | — | — | ·1 | trace | — | — | — | ·11 | — | — | — | 8 |
| 9 | ·01 | ·02 | ·01 | ·12 | ·12 | — | — | — | trace | ·42 | — | — | 9 |
| 10 | ·44 | ·02 | — | trace | — | — | — | — | ·44 | ·44 | ·05 | trace | 10 |
| 11 | ·06 | — | — | — | ·24 | — | ·2 | — | trace | trace | — | — | 11 |
| 12 | ·19 | — | — | — | ·25 | — | ·23 | — | ·19 | ·43 | — | ·15 | 12 |
| 13 | — | ·02 | — | — | — | — | ·31 | — | — | ·41 | — | — | 13 |
| 14 | ·05 | — | — | — | — | — | ·42 | ·13 | — | ·2 | ·12 | ·02 | 14 |
| 15 | ·01 | — | — | ·04 | ·65 | — | trace | — | — | ·12 | — | ·25 | 15 |
| 16 | ·2 | — | — | — | — | — | — | ·01 | — | trace | — | ·05 | 16 |
| 17 | — | — | — | — | — | — | ·13 | — | — | ·27 | — | — | 17 |
| 18 | — | — | — | — | ·07 | — | ·02 | — | ·07 | trace | — | trace | 18 |
| 19 | — | — | — | ·18 | — | — | — | — | — | ·24 | ·02 | — | 19 |
| 20 | — | — | — | — | ·43 | — | trace | ·37 | — | ·17 | ·09 | ·03 | 20 |
| 21 | ·06 | — | ·32 | ·1 | ·26 | — | trace | ·49 | — | ·56 | ·4 | — | 21 |
| 22 | — | — | ·24 | ·06 | ·54 | — | — | — | — | — | ·47 | ·03 | 22 |
| 23 | — | — | trace | ·04 | ·72 | — | trace | — | — | ·16 | ·09 | ·02 | 23 |
| 24 | ·05 | — | — | — | trace | — | ·43 | — | ·15 | trace | ·42 | — | 24 |
| 25 | — | ·01 | — | trace | ·15 | — | — | — | ·25 | ·97 | ·18 | — | 25 |
| 26 | — | trace | — | ·1 | ·36 | — | ·12 | — | ·01 | ·26 | ·2 | trace | 26 |
| 27 | — | — | ·32 | ·16 | ·22 | — | ·07 | — | — | ·02 | ·02 | ·03 | 27 |
| 28 | — | — | ·12 | ·03 | ·16 | ·12 | ·24 | — | — | — | trace | trace | 28 |
| 29 | ·04 | — | ·29 | ·42 | trace | ·05 | ·05 | ·13 | ·1 | ·87 | ·19 | ·27 | 29 |
| 30 | — | × | ·17 | ·33 | ·09 | ·24 | ·2 | ·08 | ·1 | ·3 | ·22 | — | 30 |
| 31 | — | × | ·05 | × | — | × | ·22 | trace | × | — | × | ·04 | 31 |
| TOTAL | 3·15 | ·07 | 1·98 | 2·37 | 4·43 | ·41 | 3·18 | 1·25 | 2·95 | 6·95 | 2·75 | 1·27 | YEAR'S TOTAL 30·76 |
| *Days with ·01 in. or more. | 15 | 4 | 11 | 16 | 16 | 3 | 18 | 7 | 14 | 21 | 16 | 14 | 155 |
| *Days with .04 in. or more. | 12 | — | 10 | 15 | 15 | 3 | 16 | 6 | 13 | 20 | 14 | 8 | 132 |

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) Henry Morse.
Engineer & Surveyor Irlam U.D.C.

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2820

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1932.

*Kept at* Kirkham U.D.C. Sewage Disposal Works.

*in the County of* Lancaster

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 42 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | ·04 | ·20 | — | — | — | — | — | — | — | — | ·15 | — | | 1 |
| 2 | ·25 | tr | ·22 | — | — | — | — | ·08 | — | — | — | — | | 2 |
| 3 | — | ·45 | ·13 | — | ·41 | — | — | — | — | — | — | — | | 3 |
| 4 | ·27 | — | ·08 | — | ·11 | — | — | — | — | — | — | — | | 4 |
| 5 | ·14 | ·13 | ·04 | ·13 | tr | — | — | — | — | — | ·13 | — | | 5 |
| 6 | — | ·13 | ·12 | — | ·20 | ·14 | — | — | — | — | — | — | | 6 |
| 7 | — | ·33 | — | — | ·02 | — | — | — | — | ·78 | — | — | | 7 |
| 8 | ·18 | tr | ·13 | ·13 | tr | — | ·34 | — | — | — | — | — | | 8 |
| 9 | tr | ·15 | — | — | tr | — | ·57 | — | — | ·58 | ·12 | — | | 9 |
| 10 | ·04 | ·13 | — | — | — | tr | ·09 | — | — | 1·1 | — | — | | 10 |
| 11 | — | tr | — | — | — | — | ·24 | — | — | ·2 | — | — | | 11 |
| 12 | — | — | — | — | — | ·15 | ·1 | — | — | ·08 | — | — | | 12 |
| 13 | — | — | — | — | ·21 | — | ·32 | — | — | ·16 | — | — | | 13 |
| 14 | ·28 | — | ·03 | — | — | — | ·24 | ·16 | — | — | ·05 | — | | 14 |
| 15 | ·12 | — | — | — | — | — | — | ·03 | — | ·43 | ·1 | ·02 | | 15 |
| 16 | ·18 | — | ·11 | — | ·06 | ·13 | — | ·05 | — | ·08 | ·35 | — | | 16 |
| 17 | ·05 | — | ·82 | — | — | ·85 | — | — | ·08 | — | ·07 | — | | 17 |
| 18 | tr | — | ·16 | — | — | 1·46 | — | — | — | — | — | — | | 18 |
| 19 | — | — | ·31 | — | — | ·12 | — | — | ·13 | — | ·07 | — | | 19 |
| 20 | — | ·17 | — | — | — | — | ·03 | ·54 | — | — | — | — | | 20 |
| 21 | — | — | — | — | ·17 | ·2 | — | ·36 | — | ·09 | — | — | | 21 |
| 22 | — | — | — | — | — | — | — | ·1 | — | — | — | — | | 22 |
| 23 | tr | — | — | ·15 | ·1 | ·45 | — | ·1 | ·16 | ·07 | — | — | | 23 |
| 24 | — | ·25 | tr | ·14 | — | — | — | — | ·42 | — | — | ·02 | | 24 |
| 25 | — | ·32 | — | ·06 | — | ·1 | — | — | — | ·35 | — | ·01 | | 25 |
| 26 | — | ·51 | — | ·23 | ·06 | — | — | — | ·12 | — | — | — | | 26 |
| 27 | — | — | — | — | — | — | — | — | — | — | — | — | | 27 |
| 28 | — | — | — | ·04 | — | — | ·14 | — | — | ·06 | — | — | | 28 |
| 29 | — | — | — | ·10 | — | — | ·05 | — | — | — | — | — | | 29 |
| 30 | ·13 | × | — | — | — | ·08 | ·04 | — | — | ·1 | — | ·45 | | 30 |
| 31 | ·15 | × | — | × | — | × | ·02 | — | × | ·3 | × | ·04 | | 31 |
| TOTAL | 1·83 | 2·77 | 2·15 | 98 | 1·34 | 3·68 | 2·18 | 1·42 | ·91 | 4·38 | 1·04 | ·54 | Year's Total<br>23·22 | |
| *Days with ·01 in. or more. | ~~12~~ | ~~11~~ | ~~11~~ | ~~8~~ | ~~9~~ | ~~10~~ | ~~12~~ | ~~8~~ | ~~5~~ | ~~14~~ | ~~8~~ | ~~5~~ | ~~113~~ | |
| *Days with .04 in. or more. | 12 | 11 | 10 | 8 | 8 | 10 | 10 | 7 | 5 | 14 | 8 | 2 | 105 | |

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*See Instruction 2 (*f*) on other side.

D

† Spare column, no entries required.

(*Signed*) J. J. H. Nurse J.P.W.

[P.T.O.

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Section **A** for the entry of Daily Observations. Station No. 2820

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1934.

*Kept at* Cadishead (Lords St Sewage Works)

*in the County of* Lancaster

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 42 ft.

Days.

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | · | · | · | · | · | · | · | ·12 | ·02 | · | ·15 | ·48 | | 1 |
| 2 | · | · | · | · | · | · | · | ·39 | ·03 | ·03 | · | ·24 | | 2 |
| 3 | · | · | · | · | · | · | · | ·3 | ·39 | tr | · | ·08 | | 3 |
| 4 | ·28 | · | · | ·02 | ·06 | · | · | ·12 | ·05 | ·79 | · | 1·04 | | 4 |
| 5 | · | · | · | · | · | · | · | ·48 | · | ·25 | ·17 | ·13 | | 5 |
| 6 | tr | · | ·03 | · | ·46 | · | · | ·06 | · | ·15 | tr | ·27 | | 6 |
| 7 | · | · | · | · | ·06 | ·06 | · | · | tr | ·1 | ·12 | ·24 | | 7 |
| 8 | · | tr | · | · | · | ·56 | · | ·01 | · | ·13 | ·54 | · | | 8 |
| 9 | · | · | ·37 | ·04 | tr | · | · | ·06 | · | ·04 | ·38 | ·05 | | 9 |
| 10 | · | · | ·17 | ·14 | · | · | · | ·11 | · | ·15 | ·01 | · | | 10 |
| 11 | ·03 | · | ·15 | ·27 | · | · | · | · | · | · | · | ·1 | | 11 |
| 12 | · | · | · | · | · | · | ·16 | ·12 | · | · | · | ·01 | | 12 |
| 13 | ·02 | · | ·01 | ·03 | ·02 | · | · | tr | · | ·12 | · | ·04 | | 13 |
| 14 | ·45 | · | ·13 | · | ·1 | · | · | · | ·1 | ·15 | ·1 | · | | 14 |
| 15 | ·07 | · | ·22 | · | ·54 | · | · | ·05 | ·08 | ·09 | · | ·13 | | 15 |
| 16 | tr | · | ·1 | · | ·12 | · | · | · | tr | ·17 | · | ·11 | | 16 |
| 17 | ·36 | · | ·09 | ·03 | ·13 | · | ·67 | · | ·12 | ·05 | · | ·11 | | 17 |
| 18 | · | · | ·16 | ·36 | ·27 | ·17 | · | · | tr | tr | · | · | | 18 |
| 19 | · | · | ·15 | · | ·06 | ·22 | · | · | ·29 | tr | | | | 19 |
| 20 | · | · | ·01 | ·06 | ·05 | ·03 | · | · | ·25 | ·13 | · | · | | 20 |
| 21 | · | · | tr | · | ·06 | ·24 | · | ·12 | ·12 | ·1 | · | · | | 21 |
| 22 | · | · | ·06 | · | ·01 | · | · | ·14 | ·38 | ·09 | ·01 | · | | 22 |
| 23 | · | · | ·1 | ·81 | · | · | ·33 | tr | ·07 | ·12 | · | ·03 | | 23 |
| 24 | · | ·27 | tr | tr | · | · | · | tr | ·08 | ·03 | · | ·07 | | 24 |
| 25 | · | ·03 | · | ·11 | · | · | ·19 | · | ·1 | ·13 | · | ·03 | | 25 |
| 26 | · | · | · | ·14 | · | ·02 | ·15 | · | · | ·01 | · | ·04 | | 26 |
| 27 | · | · | · | · | · | ·54 | ·31 | · | ·18 | ·02 | · | ·19 | | 27 |
| 28 | · | ·06 | · | | | ·58 | ·04 | ·81 | ·12 | ·25 | · | ·53 | | 28 |
| 29 | ·12 | · | · | · | · | ·05 | ·16 | ·16 | ·18 | ·91 | · | ·08 | | 29 |
| 30 | ·21 | ✕ | · | · | · | · | ·06 | ·17 | ·11 | ·21 | · | ·01 | | 30 |
| 31 | ·12 | ✕ | · | ✕ | · | ✕ | ·34 | tr | ✕ | ·2 | ✕ | ·25 | | 31 |
| TOTAL | 1·66 | ·36 | 1·75 | 2·01 | 1·94 | 2·47 | 2·41 | 3·22 | 2·67 | 4·42 | 1·48 | 4·26 | Year's Total.<br>28·65 ✓ | |
| * Days with .01 in. or more. | 9 | 3 | 14 | 11 | 13 | 10 | 10 | 16 | 18 | 25 | 8 | 23 | 160 | |
| * Days with .04 in. or more. | 7 ~~8~~ | 2 ~~3~~ | 11 | 8 | 11 | 9 | 10 | 15 | 16 | 22 | 6 | 19 | 136 | |

40-9999

† Spare column, no entries required.

(*Signed*) Henry Nurse

* See Instruction 2 (f) on other side.

[P.T.O.

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**Section** **A** **for the entry of Daily Observations.**

**Station No.** 2820

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1935.

*Kept at* Cadishead (Lords St. Sewage Works)
*in the County of* Lancaster
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft 0 in.
,, Ground ,, Sea Level 42 ft.

Totals.

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·3 | ·1 | ·1 | – | – | ·12 | ·14 | – | ·36 | ·24 | ·02 | ·57 | | 1 |
| 2 | tr | ·25 | ·12 | – | – | ·21 | – | – | ·01 | ·07 | ·08 | ·01 | | 2 |
| 3 | ·08 | tr | ·1 | – | – | ·16 | – | – | ·14 | ·05 | ·06 | tr | | 3 |
| 4 | – | tr | ·03 | ·02 | – | ·1 | – | – | ·26 | – | ·03 | ·21 | | 4 |
| 5 | ·02 | tr | ·07 | ·28 | – | ·13 | – | – | ·2 | ·26 | ·49 | ·04 | | 5 |
| 6 | – | ·05 | – | ·14 | – | ·05 | – | – | – | tr | ·21 | ·02 | | 6 |
| 7 | – | ·01 | – | ·05 | – | ·25 | – | – | – | ·3 | ·24 | ·14 | | 7 |
| 8 | – | ·03 | – | ·1 | – | – | – | – | – | ·2 | ·18 | ·18 | | 8 |
| 9 | – | ·21 | – | – | – | ·02 | – | – | – | 1·33 | ·04 | – | | 9 |
| 10 | – | – | – | tr | – | ·23 | – | – | ·16 | ·11 | ·08 | ·02 | | 10 |
| 11 | ·34 | – | – | ·05 | – | ·6 | – | – | tr | ·07 | ·14 | – | | 11 |
| 12 | ·04 | ·07 | – | ·15 | – | ·16 | – | – | tr | tr | ·08 | ·01 | | 12 |
| 13 | ·13 | ·05 | – | ·26 | ·31 | ·14 | – | – | ·09 | ·01 | ·06 | – | | 13 |
| 14 | – | tr | – | ·22 | – | ·06 | – | – | ·06 | – | ·73 | ·01 | | 14 |
| 15 | – | ·31 | – | tr | – | ·08 | ·24 | – | ·14 | – | tr | – | | 15 |
| 16 | – | ·13 | – | ·24 | ·1 | ·19 | ·07 | – | ·55 | – | ·57 | – | | 16 |
| 17 | – | tr | – | ·23 | ·34 | ·02 | ·32 | ·01 | ·23 | – | ·3 | ·02 | | 17 |
| 18 | – | – | – | ·03 | ·06 | ·25 | – | – | ·44 | – | ·02 | ·01 | | 18 |
| 19 | – | – | – | ·4 | ·3 | ·21 | – | – | – | ·15 | ·08 | ·01 | | 19 |
| 20 | – | ·5 | – | ·1 | tr | ·27 | – | – | – | ·08 | ·12 | ·01 | | 20 |
| 21 | – | ·28 | ·11 | ·08 | – | – | – | – | ·61 | – | ·02 | ·02 | | 21 |
| 22 | – | tr | – | tr | – | – | – | – | ·17 | – | ·02 | ·03 | | 22 |
| 23 | ·35 | ·22 | ·41 | – | – | – | – | ·18 | ·24 | ·65 | ·01 | – | | 23 |
| 24 | ·24 | ·2 | ·14 | – | – | – | – | tr | ·78 | ·1 | tr | – | | 24 |
| 25 | tr | – | tr | – | – | ·14 | – | – | tr | tr | ·1 | ·02 | | 25 |
| 26 | – | – | tr | – | – | – | – | ·61 | ·42 | ·11 | ·02 | ·03 | | 26 |
| 27 | – | ·02 | – | – | – | ·05 | ·14 | ·02 | ·36 | ·31 | ·3 | ·04 | | 27 |
| 28 | – | tr | – | – | – | tr | – | ·11 | ·16 | ·25 | ·08 | ·03 | | 28 |
| 29 | – | – | ·62 | – | – | – | – | ·07 | ·24 | ·19 | ·05 | ·01 | | 29 |
| 30 | – | × | – | – | – | ·26 | – | ·06 | ·1 | ·2 | ·62 | – | | 30 |
| 31 | tr | × | – | × | – | × | – | – | × | ·19 | × | ·15 | | 31 |
| TOTAL | 1·50 | 2·43 | 1·10 | 2·35 | 1·11 | 3·70 | ·91 | 1·06 | 5·72 | 4·87 | 4·75 | 1·59 | Year's Total.<br>31·09 | |
| * Days with .01 in. or more. | 8 | 15 | 9 | 15 | 5 | 22 | 5 | 7 | 21 | 20 | 28 | 22 | 177 | ✓ |
| * Days with .04 in. or more. | 7 | 12 | 7 | 13 | 5 | 20 | 5 | 5 | 20 | 19 | 21 | 7 | 141 | ✓ |

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† Spare column, no entries required.

(*Signed*)

* See Instruction 2 (f) on other side.

[P.T.O.

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AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1936.

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Diameter of Funnel of Gauge 5 in.

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·05 | – | ·13 | – | – | ·04 | – | ·22 | ·01 | – | ·21 | ·29 | | 1 |
| 2 | ·14 | – | – | – | – | ·4 | – | ·12 | ·02 | – | ·28 | – | | 2 |
| 3 | ·11 | – | ·1 | – | – | ·12 | – | ·13 | 1·46 | – | tr | – | | 3 |
| 4 | ·18 | ·19 | ·08 | – | – | – | – | ·15 | ·5 | – | ·01 | ·35 | | 4 |
| 5 | tr | ·2 | ·18 | – | – | – | – | ·43 | ·19 | – | – | – | | 5 |
| 6 | ·1 | – | ·4 | – | – | – | – | ·1 | ·23 | – | – | – | | 6 |
| 7 | ·07 | – | ·11 | – | – | – | ·04 | – | ·48 | – | ·15 | ·63 | | 7 |
| 8 | tr | – | ·06 | ·07 | – | – | ·02 | – | ·01 | – | ·4 | – | | 8 |
| 9 | ·28 | – | – | – | – | – | ·21 | – | ·09 | – | ·23 | – | | 9 |
| 10 | ·06 | – | – | – | – | – | ·3 | – | ·02 | – | – | – | | 10 |
| 11 | – | – | – | – | ·16 | ·15 | ·25 | – | ·07 | – | – | ·19 | | 11 |
| 12 | ·01 | – | – | ·04 | – | ·65 | ·22 | ·02 | ·32 | ·04 | ·02 | ·05 | | 12 |
| 13 | ·7 | – | – | ·1 | – | ·05 | tr | – | tr | ·2 | ·51 | ·25 | | 13 |
| 14 | ·12 | – | ·15 | – | ·2 | ·28 | ·03 | ·05 | ·26 | ·02 | ·21 | ·33 | | 14 |
| 15 | ·65 | – | – | ·1 | – | ·05 | ·05 | – | ·2 | – | ·29 | ·06 | | 15 |
| 16 | ·05 | ·1 | – | ·04 | ·02 | – | ·22 | – | ·1 | – | ·63 | ·14 | | 16 |
| 17 | – | ·2 | ·06 | ·01 | – | – | ·24 | ·02 | – | ·32 | ·02 | ·03 | | 17 |
| 18 | – | ·3 | ·08 | ·15 | – | ·07 | ·1 | ·03 | – | ·44 | – | – | | 18 |
| 19 | ·05 | ·89 | – | ·04 | – | ·18 | ·15 | ·4 | – | – | – | – | | 19 |
| 20 | ·06 | – | – | ·02 | – | tr | ·05 | – | – | – | – | – | | 20 |
| 21 | – | ·02 | – | ·1 | – | ·19 | ·01 | – | – | – | – | – | | 21 |
| 22 | tr | ·2 | – | – | – | ·65 | ·06 | – | – | – | – | – | | 22 |
| 23 | ·1 | ·22 | ·11 | – | tr | ·02 | ·3 | – | – | ·04 | – | – | | 23 |
| 24 | ·25 | – | ·2 | ·02 | ·04 | – | tr | – | ·27 | ·4 | – | – | | 24 |
| 25 | ·26 | ·1 | – | ·04 | – | – | tr | – | ·31 | ·46 | – | ·02 | | 25 |
| 26 | ·2 | ·08 | – | ·06 | – | – | ·05 | – | – | ·19 | – | ·04 | | 26 |
| 27 | ·15 | – | – | – | – | – | – | – | ·25 | ·77 | – | tr | | 27 |
| 28 | ·22 | – | ·11 | – | – | tr | ·11 | – | – | ·06 | – | ·11 | | 28 |
| 29 | ·03 | ·1 | ·13 | – | ·02 | ·51 | – | – | – | ·06 | ·31 | ·16 | | 29 |
| 30 | ·05 | × | ·02 | – | ·24 | – | ·3 | – | – | – | ·18 | ·11 | | 30 |
| 31 | ·18 | × | – | × | ·02 | × | ·03 | tr | × | ·19 | × | ·09 | | 31 |
| TOTAL | 4·07 | 1·80 | 1·62 | ·79 | ·70 | 3·36 | 2·74 | 1·67 | 4·79 | 3·19 | 3·45 | 2·85 | Year's Total.<br>31·03 | |
| * Days with .01 in. or more. | 24 | 12 | 15 | 13 | 7 | 14 | 20 | 11 | 18 | 13 | 14 | 16 | 177 | |
| * Days with .04 in. or more. | 22 | 11 | 14 | 10 | 4 | 13 | 16 | 8 | 14 | 12 | 11 | 14 | 149 | |

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* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*)

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| **1** | - | - | ·04 | ·08 | - | - | - | - | - | - | ·05 | ·14 | | **1** |
| **2** | - | - | - | ·1 | - | ·08 | - | - | - | - | - | - | | **2** |
| **3** | - | - | - | ·07 | ·14 | ·62 | - | - | - | - | - | - | | **3** |
| **4** | ·22 | - | - | - | - | - | - | - | - | - | - | ·47 | | **4** |
| **5** | ·51 | ·1 | - | - | - | - | - | - | - | - | - | ·35 | | **5** |
| **6** | ·4 | ·16 | - | ·24 | ·2 | - | - | ·4 | - | - | - | ·06 | | **6** |
| **7** | tr | ·7 | - | ·05 | - | ·12 | - | - | - | - | - | - | | **7** |
| **8** | - | ·14 | ·11 | - | ·1 | - | ·37 | - | - | - | - | ·02 | | **8** |
| **9** | - | - | - | - | ·2 | - | ·6 | - | - | - | - | - | | **9** |
| **10** | - | ·04 | ·12 | - | - | ·27 | - | ·18 | - | - | - | - | | **10** |
| **11** | - | ·24 | - | - | ·4 | - | - | - | - | - | - | ·10 | | **11** |
| **12** | - | ·45 | - | ·07 | ·05 | - | - | - | ·23 | - | - | ·26 | | **12** |
| **13** | - | ·04 | - | ·05 | - | - | ·04 | 1·04 | - | - | ·12 | ·08 | | **13** |
| **14** | - | ·14 | ·02 | ·1 | - | - | - | ·28 | ·06 | - | ·08 | ·1 | | **14** |
| **15** | ·3 | ·15 | ·16 | ·16 | - | - | ·45 | - | tr | - | - | - | | **15** |
| **16** | tr | ·35 | ·08 | - | - | - | - | ·04 | - | - | - | - | | **16** |
| **17** | ·37 | ·07 | ·18 | ·15 | - | - | ·02 | ·21 | ·12 | - | - | - | | **17** |
| **18** | ·15 | ·1 | ·05 | ·28 | - | - | ·04 | ·04 | - | - | - | - | | **18** |
| **19** | tr | ·03 | ·11 | ·49 | ·07 | ·05 | ·1 | - | - | - | - | - | | **19** |
| **20** | ·14 | ·11 | - | ·12 | ·11 | - | ·11 | - | - | - | - | ·12 | | **20** |
| **21** | tr | ·12 | ·04 | - | ·11 | ·06 | ·04 | - | - | - | - | - | | **21** |
| **22** | ·02 | - | ·01 | ·02 | ·08 | - | ·17 | - | - | ·18 | ·1 | - | | **22** |
| **23** | ·13 | ·01 | ·11 | ·06 | ·32 | - | ·05 | - | - | ·46 | - | ·02 | | **23** |
| **24** | ·21 | ·26 | - | ·04 | - | - | - | - | ·1 | ·42 | - | ·14 | | **24** |
| **25** | - | ·42 | ·03 | ·01 | - | - | - | ·02 | - | - | - | - | | **25** |
| **26** | - | ·17 | ·25 | - | - | - | ·05 | - | - | - | - | ·06 | | **26** |
| **27** | - | ·08 | ·02 | ·35 | - | - | - | - | - | - | - | - | | **27** |
| **28** | - | ·05 | - | - | - | - | - | - | ·01 | ·03 | ·28 | - | | **28** |
| **29** | - | - | - | - | - | ·04 | - | - | ·04 | ·12 | ·29 | - | | **29** |
| **30** | ·07 | × | - | - | - | - | - | - | ·03 | ·32 | ·53 | - | | **30** |
| **31** | ·42 | × | - | × | - | × | - | ·2 | × | ·35 | × | - | | **31** |
| TOTAL | 2·94 | 3·93 | 1·33 | 2·44 | 1·78 | 1·24 | 2·04 | 2·41 | ·59 | 1·88 | 1·45 | 1·92 | Year's Total.<br>23·95 | ✓ |
| * Days with .01 in. or more. | 12 | 22 | 15 | 18 | 11 | 7 | 12 | 9 | 7 | 7 | 4 | 13 | ~~140~~ | ✓ |
| * Days with .04 in. or more. | 11 | 20 | 11 | 16 | 11 | 7 | 11 | 8 | 5 | 6 | 7 | 11 | 124 | ✓ |

40-9999

† Spare column, no entries required.

(*Signed*)

[P.T.O.

* See Instruction 2 (f) on other side.

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Section **A** for the entry of Daily Observations. Station No. 2820.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1938.

*Kept at* Cadishead (Lords St. Sewage Works)

*in the County of* Lancaster

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 42 ft.

Snow

corr. for Dec 19–29 snow.

notified 9/3/39 W.J.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | - | ·01 | - | - | - | ·77 | ·41 | - | - | ·16 | ·05 | ·22 | | 1 |
| 2 | - | ·1 | - | ·37 | - | ·07 | ·08 | - | - | ·3 | ·02 | ·31 | | 2 |
| 3 | - | ·1 | - | tr | - | ·05 | ·14 | - | ·26 | ·59 | ·25 | ·18 | | 3 |
| 4 | - | ·21 | - | ·03 | - | tr | ·1 | ·03 | ·05 | ·23 | tr | ·14 | | 4 |
| 5 | - | - | - | - | - | ·11 | ·14 | ·75 | ·11 | ·40 | - | ·08 | | 5 |
| 6 | ·4 | tr | - | - | - | tr | ·38 | tr | ·18 | - | - | ·01 | | 6 |
| 7 | ·6 | - | - | - | - | ·03 | ·43 | ·04 | tr | ·14 | - | ·04 | | 7 |
| 8 | ·22 | - | - | - | - | - | ·36 | ·02 | ·03 | ·54 | - | ·26 | | 8 |
| 9 | ·44 | - | ·42 | - | - | ·34 | ·2 | - | - | ·2 | - | ·32 | | 9 |
| 10 | ·01 | - | ·08 | - | - | ·05 | ·51 | ·04 | ·04 | ·19 | - | ·14 | | 10 |
| 11 | tr | - | - | - | ·04 | - | ·21 | ·41 | ·01 | ·38 | ·15 | ·06 | | 11 |
| 12 | - | - | - | - | ·09 | - | ·08 | ·1 | ·12 | ·62 | ·02 | ·04 | | 12 |
| 13 | ·08 | - | - | - | ·01 | - | ·11 | - | - | tr | ·35 | ·18 | | 13 |
| 14 | ·04 | - | - | - | ·09 | - | ·1 | - | ·06 | ·02 | ·12 | ·03 | | 14 |
| 15 | ·28 | - | - | - | ·01 | - | ·16 | - | ·06 | - | - | ·17 | | 15 |
| 16 | ·29 | - | - | - | ·31 | - | ·24 | ·22 | ·02 | ·11 | - | tr | | 16 |
| 17 | ·02 | - | - | - | ·63 | - | ·02 | ·02 | - | ·22 | ·26 | - | | 17 |
| 18 | tr | - | - | - | ·05 | ·4 | - | ·12 | - | ·27 | ·08 | - | | 18 |
| 19 | ·01 | - | - | - | - | ·02 | - | ·1 | - | - | - | - | | 19 |
| 20 | - | - | - | - | - | tr | - | ·18 | - | - | ·35 | - | | 20 |
| 21 | - | - | - | - | - | - | - | ·2 | - | - | ·01 | - | | 21 |
| 22 | ·1 | - | - | - | ·04 | ·28 | - | - | - | - | ·25 | - | | 22 |
| 23 | ·61 | tr | - | - | ·03 | ·15 | - | - | ·02 | - | ·45 | (·60) | | 23 |
| 24 | ·15 | ·1 | - | - | - | ·03 | - | ·37 | ·04 | ·07 | ·61 | - | | 24 |
| 25 | ·18 | ·16 | ·3 | - | ·02 | ·02 | ·04 | - | - | ·6 | ·39 | - | | 25 |
| 26 | ·19 | - | ·27 | - | ·01 | ·21 | tr | - | - | ·29 | ·48 | - | | 26 |
| 27 | ·21 | - | tr | - | ·54 | ·11 | ·09 | ·15 | ·1 | - | ·35 | - | | 27 |
| 28 | ·31 | - | - | - | ·02 | ·31 | ·15 | ·2 | ·07 | - | ·02 | - | | 28 |
| 29 | ·25 | - | ·2 | - | 1·58 | ·4 | ·18 | ·02 | ·02 | - | ·11 | ·~~07~~ 2 | | 29 |
| 30 | ·1 | ✕ | tr | - | ·18 | ·02 | ·03 | ·06 | ·45 | ·02 | ·09 | ·25 | | 30 |
| 31 | ·12 | ✕ | ·02 | ✕ | ·2 | ✕ | - | tr | ✕ | ·52 | ✕ | ·72 | | 31 |
| TOTAL | 4·01 | ·68 | 1·29 | ·40 | 3·85 | 3·37 | 4·16 | 3·03 | 1·64 | 5·87 | 4·41 | (3·75) ~~3·16~~ | Year's Total. ~~35·87~~ | 36·4 |
| * Days with .01 in. or more. | 21 | 6 | 6 | 2 | 17 | 18 | 22 | 18 | 17 | 20 | 20 | 22 ~~18~~ | 189 | |
| * Days with .04 in. or more. | 17 | 5 | 5 | 1 | 11 | 13 | 20 | 14 | 12 | 18 | 16 | 19 ~~16~~ | 15[illegible] ~~147~~ | |

40-9999

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) Henry Moore

P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 2820

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090.

# REGISTER OF RAINFALL IN 1939

Kept at Cadishead (Sewage Works, Lord St)

in the County of Lancaster

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. – in.

,, Ground ,, Sea Level 42 ft.

Entries on Oct 21st, 25th, 29th, 30th, Nov 6-20th, 22nd 27th-28th, 30th, Dec 7th, & 9-10th adjusted by reference to nearby stations. Query sent today to observer. AB 20/6/40

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | ·32 | – | tr | ·89 | – | – | ·05 | ·02 | – | – | – | – | | 1 |
| 2 | ·35 | – | ·22 | ·19 | – | – | ·22 | ·23 | – | – | – | ·21 | | 2 |
| 3 | 1·05 | – | – | ·18 | – | – | ·05 | – | ·8 | – | – | ·52 | | 3 |
| 4 | ·15 | – | – | ·08 | – | – | ·18 | ·03 | – | ·02 | – | ·40 | | 4 |
| 5 | – | – | ·01 | ·01 | ·35 | – | ·10 | ·09 | – | ·19 | ·18 | ·32 | | 5 |
| 6 | – | – | – | – | ·13 | – | ·32 | ·02 | – | – | – | – | | 6 |
| 7 | ·01 | ·04 | – | – | – | – | ·1 | tr | – | – | – | (·60) ~~·16~~ | | 7 |
| 8 | ·31 | ·11 | ·25 | – | ·03 | – | ·81 | ·02 | – | ·18 | – | ·08 | | 8 |
| 9 | – | ·14 | – | – | – | – | tr | ·38 | – | ·33 | – | – | | 9 |
| 10 | ·35 | tr | ·05 | – | – | ·05 | – | – | ·23 | – | – | (·40) – | | 10 |
| 11 | ·19 | ·02 | – | – | – | ·47 | – | – | – | – | – | – | | 11 |
| 12 | ·42 | ·08 | – | ·3 | – | ·02 | – | – | – | – | – (2·20) | – | | 12 |
| 13 | ·16 | – | – | ·36 | – | ·23 | ·16 | – | – | – | – | – | | 13 |
| 14 | ·44 | – | – | ·02 | ·35 | ·37 | – | – | – | – | – | – | | 14 |
| 15 | ·20 | ·06 | – | – | ·06 | ·72 | ·12 | – | – | – | – | – | | 15 |
| 16 | ·03 | ·05 | – | – | ·22 | – | ·51 | – | – | ·38 | – | – | | 16 |
| 17 | ·41 | ·1 | – | – | ·04 | ·20 | ·02 | – | – | ·58 | – | – | | 17 |
| 18 | ·38 | ·12 | ·02 | – | – | ·18 | ·21 | – | – | – | – | – | | 18 |
| 19 | ·22 | tr | ·01 | – | – | ·24 | ·5 | – | – | – | – | – | | 19 |
| 20 | – | – | ·32 | – | ·08 | – | ·05 | – | – | – | – | – | | 20 |
| 21 | – | ·06 | ·39 | ·13 | ·01 | tr | ·01 | 1·15 | – | (·05) | – (·65) | – | | 21 |
| 22 | ·12 | ·18 | ·33 | ·06 | – | – | ·12 | – | – | – | ·25 | – | | 22 |
| 23 | ·01 | ·55 | – | ·18 | – | ·04 | ·1 | – | – | ·18 | tr | – | | 23 |
| 24 | ·02 | ·05 | – | – | – | – | ·01 | – | – | ·42 | – | – | | 24 |
| 25 | ·08 | ·12 | – | ·04 | – | ·01 | ·03 | – | – | (·05) ~~·25~~ | ·68 | – | | 25 |
| 26 | tr | ·04 | – | ·02 | – | ·28 | – | – | – | – | ·28 | ·09 | | 26 |
| 27 | – | 1·43 | – | – | – | ·07 | ·1 | – | – | – | – (·65) | – | | 27 |
| 28 | – | ·07 | – | – | – | ·01 | ·44 | – | – | – | – | – | | 28 |
| 29 | – | tr | tr | – | – | – | ·95 | – | – | (·08) ~~·42~~ | ·20 | – | | 29 |
| 30 | – | × | – | | – | – | ·3 | – | – | (–) ~~·15~~ | ~~·42~~ | – | | 30 |
| 31 | – | × | – | × | – | × | ·23 | – | × | – | × | – | 35·46 | 31 |
| TOTAL | 5.22 | 3.22 | 1.60 | 2.46 | 1.27 | 2.86 | 5.69 | 1.94 | 1.03 | 2·46 ~~4·15~~ | 5·09 ~~2·01~~ | 2·62 ~~1·78~~ | Year's Total ~~33·23~~ | |
| * Days with .01 in. or more. | 20 | 17 | 9 | 13 | 9 | 14 | 24 | 8 | 2 | 12 | 6 | 7 | 141 | |
| * Days with .04 in. or more. | 16 | 16 | 6 | 10 | 7 | 11 | 21 | 4 | 2 | 4 | 6 | 7 | 117 | |

Print with "d"

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(Signed) Henry Muse

[P.T.O.

FORM 1090.

## B Monthly Summary.

2820/

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

### RAINFALL IN ~~193~~ 1940

At Cadishead (Lords St Sewage Works)

In the County of Lancaster

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft* – *in.*
- *Height of Ground above Sea Level* 42 *ft.*

| Month. | Total Depth. | Greatest Fall in 24 hours. | | Number of Days with | |
|---|---|---|---|---|---|
| | | | | ·01 in or more | ·04 in. or more |
| | Inches | Inches | Date | * | * |
| JAN. | 1·88 | | | | |
| FEB. | 1·51 | | | | |
| MAR. | 2·93 | | | | |
| APRIL | 1·68 | | | | |
| MAY | 1·45 | | | | |
| JUNE | 1·03 | | | | |
| JULY | 3·01 | | | | |
| AUG. | 1·07 | | | | |
| SEPT. | 3·66 | | | | |
| OCT. | 1·35 | | | | |
| NOV. | 7·47 | | | | |
| DEC. | 2·56 | | | | |
| Total | 29·60 | | | | |

*Signature* Henry Nurse

*See Instruction 2 (*f*) below.

## C Particulars of Station.

**Every observer is requested to fill in this section and also the space for notes as far as possible:—**

Name and Address to which any inquiry relating to this register should be sent:—
Mr Henry Nurse F.R.I.B.A.
Engineer + Surveyor, Council Offices, Irlam.

Hour of observation by the clock—in Winter 9·0 a.m in Summer 9·0 a.m.

Nearest Railway Station Cadishead Distance 2,800ft Direction from gauge N.E.

Nearest Parish Church at " Distance 3,500 Direction from gauge N.E.

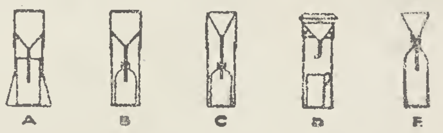
| | | | | |
|---|---|---|---|---|
| Nature of objects nearest to gauge | Machinery | Housing to | Detritus | Tanks |
| Height of objects | 11 ft | | | |
| Distances .. | 35 ft | | | |
| Directions from gauge .. | N. E. | | | |

**If gauge has been moved during the year state—**

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



**If you know of any record of rainfall** not quoted in **British Rainfall**, please give the observer's name and address:—

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

866361/28

M. O. Sc.
20 OCT 1942
B. R.

## D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-guage should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

London: Published by His Majesty's Stationery Office. To be purchased directly from H.M. Stationery Office at the following addresses: Adastral House, Kingsway, London, W.C.2; 120, George Street, Edinburgh 2; York Street, Manchester 1; 1, St. Andrew's Crescent, Cardiff; 80, Chichester Street, Belfast; or through any Bookseller. Price 1d. net.

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Section **A** for the entry of
AIR MINISTRY

ation No 2820/5

ORGANIZATION.

S Lancs/2

FORM 1090.

**REGIST**

2820/5

WINWICK P. S.

1932, 33

*Kept at* WINWICK PUMP

*in the County of* LANC

Diameter of Funnel of Gauge 8

Height of top of Gauge above Groun

,, Ground ,, Sea L

**THE MORNING MEASU**

*An observer who does not conform to*
*year in the space on the right of th*

owing

Jan. 1, following

780501

| Date | Jan. | Feb. | March | | | | | | | | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | .10 | - | - | .27 | .26 | - | - | .11 | .15 | .12 | .06 | .07 | 1 |
| 2 | .55 | - | - | - | .39 | - | .15 | .01 | .45 | .32 | .05 | .42 | 2 |
| 3 | - | - | - | .08 | - | - | .13 | .08 | .06 | - | .03 | .10 | 3 |
| 4 | - | - | - | .04 | - | - | .09 | .05 | - | .05 | .22 | .03 | 4 |
| 5 | .89 | - | .14 | .09 | .04 | - | - | - | .06 | - | - | - | 5 |
| 6 | 1.02 | - | .12 | .34 | - | - | - | - | .22 | - | - | - | 6 |
| 7 | .15 | - | .33 | .10 | - | - | - | - | .49 | .52 | - | - | 7 |
| 8 | - | - | - | .09 | - | - | - | - | .05 | .48 | - | - | 8 |
| 9 | .12 | - | - | .08 | .08 | - | - | - | .04 | - | .04 | .02 | 9 |
| 10 | .38 | - | - | .18 | - | - | - | - | .45 | .46 | .03 | - | 10 |
| 11 | .03 | - | - | .01 | .35 | - | .21 | - | .03 | - | - | - | 11 |
| 12 | .16 | - | - | - | .18 | - | .18 | .01 | .02 | .42 | - | - | 12 |
| 13 | - | - | - | .01 | .15 | - | .25 | .05 | .24 | .64 | - | .23 | 13 |
| 14 | .13 | - | - | .12 | - | - | .49 | .07 | - | .18 | .13 | .04 | 14 |
| 15 | - | - | - | - | .56 | - | - | - | - | .11 | .06 | .05 | 15 |
| 16 | .14 | - | - | - | - | - | - | - | - | .05 | - | .06 | 16 |
| 17 | - | - | - | - | - | - | .12 | - | .07 | .31 | - | - | 17 |
| 18 | - | - | - | - | .04 | - | - | - | - | .03 | .03 | - | 18 |
| 19 | - | - | - | .13 | .02 | - | .02 | - | - | .25 | .02 | .01 | 19 |
| 20 | - | - | - | .21 | .44 | - | .01 | .40 | - | .18 | .17 | .03 | 20 |
| 21 | .04 | - | .23 | .02 | .60 | - | - | .36 | - | .54 | .17 | - | 21 |
| 22 | .01 | - | .18 | .07 | .16 | - | .04 | - | .04 | - | .68 | - | 22 |
| 23 | - | - | - | - | .68 | - | .04 | - | - | .22 | .14 | .06 | 23 |
| 24 | .05 | 1 | - | - | .01 | - | .46 | - | .36 | - | .34 | .02 | 24 |
| 25 | - | .08 | - | .02 | .04 | - | - | - | .19 | .97 | .13 | - | 25 |
| 26 | - | - | - | .08 | .24 | .02 | .08 | - | .19 | .41 | .11 | - | 26 |
| 27 | - | - | .37 | .17 | .25 | .22 | .11 | - | - | .01 | .14 | .06 | 27 |
| 28 | - | - | .07 | .05 | .15 | - | .22 | - | - | - | - | .06 | 28 |
| 29 | .05 | - | .46 | .20 | .08 | .08 | .02 | .02 | .13 | .77 | .22 | .22 | 29 |
| 30 | - | × | .12 | .03 | - | .18 | .10 | .08 | .01 | .58 | .50 | .10 | 30 |
| 31 | - | × | .05 | × | - | × | .36 | - | × | - | × | .02 | 31 |
| TOTAL | 3.82 | .08 | 2.07 | 2.39 | 4.72 | .50 | 3.08 | 1.24 | 3.25 | 7.62 | 3.27 | 1.60 | YEAR'S TOTAL 33.64 |
| *Days with ·01 in. or more. | 15 | 1 | 10 | 22 | 20 | 4 | 19 | 11 | 19 | 22 | 20 | 18 | 181 |
| *Days with .04 in. or more. | 13 | 1 | 10 | 17 | 18 | 3 | 16 | 8 | 15 | 20 | 16 | 12 | 149 |

40-9999

*See Instruction 2 (*f*) on other side,

N

(*Signed*) J. James Gray

WARRINGTON WW

P.T.O.

**Section** **A** for the entry of ation No. 2820/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1932.

S Lancs/2

*Kept at* WINWICK PUMPING STATION.
*in the County of* LANCASHIRE
Diameter of Funnel of Gauge 8 in.
Height of top of Gauge above Ground — ft 9 in.
,, Ground ,, Sea Level 115 ft. ~~466~~

OK print

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | **Jan.** | **Feb.** | **March** | **April** | **May** | **June** | **July** | **August** | **Sept.** | **Oct.** | **Nov.** | **Dec.** | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·10 | – | – | ·27 | ·26 | – | – | ·11 | ·15 | ·12 | ·06 | ·07 | 1 |
| 2 | ·55 | – | – | – | ·39 | – | ·15 | ·01 | ·45 | ·32 | ·05 | ·42 | 2 |
| 3 | – | – | – | ·08 | – | – | ·13 | ·08 | ·06 | – | ·03 | ·10 | 3 |
| 4 | – | – | – | ·04 | – | – | ·09 | ·05 | – | ·05 | ·22 | ·03 | 4 |
| 5 | ·89 | – | ·14 | ·09 | ·04 | – | – | – | ·06 | – | – | – | 5 |
| 6 | 1·02 | – | ·12 | ·34 | – | – | – | – | ·22 | – | – | – | 6 |
| 7 | ·15 | – | ·33 | ·10 | – | – | – | – | ·49 | ·52 | – | – | 7 |
| 8 | – | – | – | ·09 | – | – | – | – | ·05 | ·48 | – | – | 8 |
| 9 | ·12 | – | – | ·08 | ·08 | – | – | – | ·04 | – | ·04 | ·02 | 9 |
| 10 | ·38 | – | – | ·18 | – | – | – | – | ·45 | ·46 | ·03 | – | 10 |
| 11 | ·03 | – | – | ·01 | ·35 | – | ·21 | – | ·03 | – | – | – | 11 |
| 12 | ·16 | – | – | – | ·18 | – | ·18 | ·01 | ·02 | ·42 | – | – | 12 |
| 13 | – | – | – | ·01 | ·15 | – | ·25 | ·05 | ·24 | ·64 | – | ·23 | 13 |
| 14 | ·13 | – | – | ·12 | – | – | ·49 | ·07 | – | ·18 | ·13 | ·04 | 14 |
| 15 | – | – | – | – | ·56 | – | – | – | – | ·11 | ·06 | ·05 | 15 |
| 16 | ·14 | – | – | – | – | – | – | – | – | ·05 | – | ·06 | 16 |
| 17 | – | – | – | – | – | – | ·12 | – | ·07 | ·31 | – | – | 17 |
| 18 | – | – | – | – | ·04 | – | – | – | – | ·03 | ·03 | – | 18 |
| 19 | – | – | – | ·13 | ·02 | – | ·02 | – | – | ·25 | ·02 | ·01 | 19 |
| 20 | – | – | – | ·21 | ·44 | – | ·01 | ·40 | – | ·18 | ·17 | ·03 | 20 |
| 21 | ·04 | – | ·23 | ·02 | ·60 | – | – | ·36 | – | ·54 | ·17 | – | 21 |
| 22 | ·01 | – | ·18 | ·07 | ·16 | – | ·04 | – | ·04 | – | ·68 | – | 22 |
| 23 | – | – | – | – | ·68 | – | ·04 | – | – | ·22 | ·14 | ·06 | 23 |
| 24 | ·05 | – | – | – | ·01 | – | ·46 | – | ·36 | – | ·34 | ·02 | 24 |
| 25 | – | ·08 | – | ·02 | ·04 | – | – | – | ·19 | ·97 | ·13 | – | 25 |
| 26 | – | – | – | ·08 | ·24 | ·02 | ·08 | – | ·19 | ·41 | ·11 | – | 26 |
| 27 | – | – | ·37 | ·17 | ·25 | ·22 | ·11 | – | – | ·01 | ·14 | ·06 | 27 |
| 28 | – | – | ·07 | ·05 | ·15 | – | ·22 | – | – | – | – | ·06 | 28 |
| 29 | ·05 | – | ·46 | ·20 | ·08 | ·08 | ·02 | ·02 | ·13 | ·77 | ·22 | ·22 | 29 |
| 30 | – | × | ·12 | ·03 | – | ·18 | ·10 | ·08 | ·01 | ·58 | ·50 | ·10 | 30 |
| 31 | – | × | ·05 | × | – | × | ·36 | – | × | – | × | ·02 | 31 |
| TOTAL | 3·82 | ·08 | 2·07 | 2·39 | 4·72 | ·50 | 3·08 | 1·24 | 3·25 | 7·62 | 3·27 | 1·60 | YEAR'S TOTAL 33·64 |
| *Days with ·01 in. or more. | 15 | 1 | 10 | 22 | 20 | 4 | 19 | 11 | 19 | 22 | 20 | 18 | 181 |
| *Days with ·04 in. or more. | 13 | 1 | 10 | 17 | 18 | 3 | 16 | 8 | 15 | 20 | 16 | 12 | 149 |

40-9999
*See Instruction 2 (*f*) on other side,

N

(*Signed*) James Gray
WARRINGTON W.W.

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2820/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1933.

*Kept at* Winwick Pumping Station (Warrington Corporation Waterworks)

*in the County of* Lancashire

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground — ft 9 in.

" Ground " Sea Level 115 ft (Abt.)

NOTE. RED READINGS ARE FROM STANDARD 5" (Type A. Overleaf) GAUGES IN ADJACENT POSITIONS SUGGESTED BY DR. GLASSPOOLE. 26.9.33.

copied on new 1090 7/3/34 J.W.D.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | ·02 | ·18 | ·12 | - | - | - | - | - | ·01 | - | ·10 ·10 | - - | | 1 |
| 2 | ·23 | - | ·18 | ·18 | ·04 | ·06 | - | - | - | - | - - | - - | | 2 |
| 3 | ·01 | ·45 | ·18 | - | ·22 | - | - | - | - | - | - - | - - | | 3 |
| 4 | ·31 | ·02 | ·09 | - | ·06 | - | - | - | - | - | - - | - - | | 4 |
| 5 | ·14 | ·04 | - | - | - | - | - | - | - | - | ·06 ·06 | - - | | 5 |
| 6 | - | ·08 | ·15 | - | ·25 | - | - | - | - | - | ·01 ·01 | - - | | 6 |
| 7 | ·05 | ·44 | - | - | ·05 | - | ·34 | - | - | ·53 ·53 | - - | - - | | 7 |
| 8 | ·15 | ·03 | ·18 | ·06 | ·03 | - | ·30 | ·04 | - | - - | ·01 ·01 | ·02 ·02 | | 8 |
| 9 | - | ·09 | - | ·15 | ·07 | ·01 | ·54 | - | - | ·34 ·34 | ·08 ·08 | - - | | 9 |
| 10 | ·10 | ·28 | - | - | ·10 | ·17 | ·05 | - | - | 1·10 1·09 | ·05 ·05 | - - | | 10 |
| 11 | - | - | - | - | - | - | ·56 | - | - | ·32 ·29 | - - | - - | | 11 |
| 12 | - | - | - | - | - | ·12 | ·35 | - | - | ·11 ·09 | - - | - - | | 12 |
| 13 | - | - | - | - | ·15 | - | ·27 | ·01 | ·01 | ·11 ·10 | ·18 ·18 | - - | | 13 |
| 14 | ·02 | - | - | - | - | - | ·03 | ·14 | - | ·01 ·01 | ·25 ·25 | - - | | 14 |
| 15 | ·18 | - | - | - | - | - | - | ·04 | - | ·38 ·38 | ·28 ·25 | - - | | 15 |
| 16 | ·22 | ·05 | ·15 | - | ·05 | ·21 | - | ·01 | - | ·21 ·19 | - - | ·01 ·01 | | 16 |
| 17 | ·02 | - | ·61 | - | - | ·65 | - | ·08 | ·03 | ·01 - | - - | - - | | 17 |
| 18 | ·04 | - | ·20 | - | - | ·49 | - | - | - | - - | - - | [illegible] - | | 18 |
| 19 | - | - | ·26 | - | - | ·14 | ·05 | - | ·12 | - - | ·19 ·18 | ·02 ·02 | | 19 |
| 20 | - | ·17 | - | - | ·23 | ·08 | - | ·33 | ·08 | - - | - - | - - | | 20 |
| 21 | - | - | - | - | - | - | - | ·43 | ·01 | - - | - - | - - | | 21 |
| 22 | - | - | - | - | - | - | - | ·12 | - | ·05 ·05 | - - | - - | | 22 |
| 23 | - | - | - | ·11 | - | ·11 | - | - | ·09 | ·14 ·14 | - - | - - | | 23 |
| 24 | - | ·18 | - | ·13 | - | ·08 | - | - | ·36 | - - | - - | - - | | 24 |
| 25 | - | ·44 | - | ·05 | ·12 | - | - | - | ·28 | - - | - - | ·11 ·10 | | 25 |
| 26 | - | ·48 | - | ·31 | - | - | - | - | - | ·38 ·38 | - - | - - | | 26 |
| 27 | - | - | - | - | - | - | - | - | ·01 | - - | - - | - - | | 27 |
| 28 | - | - | - | - | ·17 | ·09 | ·08 | ·14 | - | ·02 ·02 | - - | - - | | 28 |
| 29 | - | × | - | - | - | ·02 | ·12 | ·01 | - | - - | - - | ·04 ·04 | | 29 |
| 30 | ·10 | × | ·13 | ·04 | ·03 | - | ·06 | - | - | ·12 ·12 | - - | ·14 ·14 | | 30 |
| 31 | ·11 | × | ·05 | × | - | × | ·02 | ·02 | × | ·46 ·46 | × | ·02 ·02 | | 31 |
| TOTAL | 1·70 | 2·93 | 2·30 | 1·03 | 1·57 | 2·23 | 2·77 | 1·37 | 1·00 | 4·20 4·10 | 1·21 1·17 | ·36 ·35 | Year's Total<br>22·76 | |
| *Days with ·01 in. or more. | 15 | 14 | 12 | 8 | 14 | 13 | 13 | 12 | 10 | 16 15 | 10 10 | 7 7 | 144 | |
| *Days with .04 in. or more. | 11 | 12 | 12 | 8 | 12 | 11 | 11 | 8 | 5 | 13 13 | 8 8 | 3 3 | 114 | |

40-9999

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) James Gray

[P.T.O.

2820/6

WINNICK P. S. NEW GAUGE

1933 — 40

7}0501

**Section** **A** **for the entry**

AIR MINIST

**Station No.** 2820/6

LL ORGANIZATION.

FORM 1090.

# REGI

3. Lancashire R.

*Kept at* Winnick Pumping S

*in the County of* Lan

Diameter of Funnel of Gauge

Height of top of Gauge above Gr

,, Ground ,, Se

mult of inspection by
mapoole on 26/8/33.

**THE MORNING MEA** **Y.**

*An observer who does not conform* *following*
*year in the space on the right of*

Jan. 1, following

| *Date* | Jan. | Feb. | Marc | | | | | | | | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | | | | | | | | | | | ·10 | | 1 |
| 2 | | | | | | | | | | | | | 2 |
| 3 | | | | | | | | | | | | | 3 |
| 4 | | | | | | | | | | | | | 4 |
| 5 | | | | | | | | | | | ·06 | | 5 |
| 6 | | | | | | | | | | | ·01 | | 6 |
| 7 | | | | | | | | | | ·53 | | | 7 |
| 8 | | | | | | | | | | | ·01 | ·02 | 8 |
| 9 | | | | | | | | | | ·34 | ·08 | | 9 |
| 10 | | | | | | | | | | 1·09 | ·05 | | 10 |
| 11 | | | | | | | | | | ·29 | | | 11 |
| 12 | | | | | | | | | | ·09 | | | 12 |
| 13 | | | | | | | | | | ·10 | ·18 | | 13 |
| 14 | | | | | | | | | | ·01 | ·25 | | 14 |
| 15 | | | | | | | | | | ·38 | ·25 | | 15 |
| 16 | | | | | | | | | | ·19 | | ·01 | 16 |
| 17 | | | | | | | | | | | | | 17 |
| 18 | | | | | | | | | | | | | 18 |
| 19 | | | | | | | | | | | ·18 | ·02 | 19 |
| 20 | | | | | | | | | | | | | 20 |
| 21 | | | | | | | | | | | | | 21 |
| 22 | | | | | | | | | | ·05 | | | 22 |
| 23 | | | | | | | | | | ·14 | | | 23 |
| 24 | | | | | | | | | | | | | 24 |
| 25 | | | | | | | | | | | | ·10 | 25 |
| 26 | | | | | | | | | | ·38 | | | 26 |
| 27 | | | | | | | | | | | | | 27 |
| 28 | | | | | | | | | | ·02 | | | 28 |
| 29 | | | | | | | | | | | | ·04 | 29 |
| 30 | | × | | | | | | | | ·12 | | ·14 | 30 |
| 31 | | × | | × | | × | | | × | ·46 | × | ·02 | 31 |
| TOTAL | | | | | | | | | | 4·19 | 1·17 | 0·35 | YEAR'S TOTAL |
| *Days with ·01 in. or more. | | | | | | | | | | 15 | 10 | 7 | |
| *Days with .04 in. or more. | | | | | | | | | | 13 | 8 | 3 | |

40-9999

*See Instruction 2 (*f*) on other side.

D N

(*Signed*) WARRINGTON W.W.

P.T.O.

Section **A** for the entry of Daily Observations. Station No. 2820/6

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1933.

Lancashire/2.

*Kept at* Winnick ~~Pumping~~ Station (~~Warrington Corporation~~ Waterworks) New gauge

*in the County of* Lancashire

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground – ft 9 in.

" Ground " Sea Level 115 ft.

Copied from original 7/3/34 J.W.O.

New gauge erected as a result of inspection by D. Glasspoole on 26/8/33.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | | | | | | | | | | | ·10 | | 1 |
| 2 | | | | | | | | | | | | | 2 |
| 3 | | | | | | | | | | | | | 3 |
| 4 | | | | | | | | | | | | | 4 |
| 5 | | | | | | | | | | | ·06 | | 5 |
| 6 | | | | | | | | | | | ·01 | | 6 |
| 7 | | | | | | | | | | ·53 | | | 7 |
| 8 | | | | | | | | | | | ·01 | ·02 | 8 |
| 9 | | | | | | | | | | ·34 | ·08 | | 9 |
| 10 | | | | | | | | | | 1·09 | ·05 | | 10 |
| 11 | | | | | | | | | | ·29 | | | 11 |
| 12 | | | | | | | | | | ·09 | | | 12 |
| 13 | | | | | | | | | | ·10 | ·18 | | 13 |
| 14 | | | | | | | | | | ·01 | ·25 | | 14 |
| 15 | | | | | | | | | | ·38 | ·25 | | 15 |
| 16 | | | | | | | | | | ·19 | | ·01 | 16 |
| 17 | | | | | | | | | | | | | 17 |
| 18 | | | | | | | | | | | | | 18 |
| 19 | | | | | | | | | | | ·18 | ·02 | 19 |
| 20 | | | | | | | | | | | | | 20 |
| 21 | | | | | | | | | | | | | 21 |
| 22 | | | | | | | | | | ·05 | | | 22 |
| 23 | | | | | | | | | | ·14 | | | 23 |
| 24 | | | | | | | | | | | | | 24 |
| 25 | | | | | | | | | | | | ·10 | 25 |
| 26 | | | | | | | | | | ·38 | | | 26 |
| 27 | | | | | | | | | | | | | 27 |
| 28 | | | | | | | | | | ·02 | | | 28 |
| 29 | | | | | | | | | | | | ·04 | 29 |
| 30 | | × | | | | | | | | ·12 | | ·14 | 30 |
| 31 | | × | | × | | × | | | × | ·46 | × | ·02 | 31 |
| TOTAL | | | | | | | | | | 4·19 | 1·17 | 0·35 | YEAR'S TOTAL [illegible] |
| *Days with ·01 in. or more. | | | | | | | | | | 15 | 10 | 7 | – |
| *Days with .04 in. or more. | | | | | | | | | | 13 | 8 | 3 | – |

40-9999

*See Instruction 2 (*f*) on other side.

D N

(*Signed*) WARRINGTON W.W.

P.T.O.

F 234101/33

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2820/6

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1934.

[illegible]/Stanco/2

c imp 1933

Kept at Winwick Pumping Station

in the County of Lancashire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground ft 12 in.

,, Ground ,, Sea Level 115 ft.

Copy made from original return

Lat. 53° 26′ – 0″ N

Long. 2° – 35′ – 35″ W.

new gauge erected as result of inspection by Dr. G.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | ·18 | – | Tr. | – | – | – | – | ·04 | ·32 | ·05 | ·25 | ·56 | | 1 |
| 2 | ·01 | – | ·10 | – | – | – | – | ·57 | ·04 | Tr. | ·25 | ·27 | | 2 |
| 3 | ·09 | Tr. | – | – | – | – | – | ·05 | Tr. | ·13 | ·03 | ·04 | | 3 |
| 4 | ·19 | – | ·14 | – | ·08 | – | – | ·03 | – | 1·00 | Tr. | ·91 | | 4 |
| 5 | – | – | ·05 | – | ·05 | – | – | ·51 | – | ·24 | ·03 | ·08 | | 5 |
| 6 | Tr. | – | ·04 | Tr. | ·46 | ·03 | – | Tr. | – | ·18 | – | ·36 | | 6 |
| 7 | ·35 | – | ·13 | ·04 | – | ·24 | – | – | – | ·07 | ·11 | ·23 | | 7 |
| 8 | – | – | – | – | ·09 | ·10 | – | ·02 | – | ·15 | ·52 | ·01 | | 8 |
| 9 | – | Tr. | ·15 | Tr. | – | – | – | ·10 | ·02 | ·09 | ·35 | ·01 | | 9 |
| 10 | – | – | ·18 | ·18 | – | – | – | ·14 | – | ·19 | Tr. | – | | 10 |
| 11 | – | – | ·06 | ·23 | – | – | Tr. | ·14 | – | Tr. | ·07 | ·10 | | 11 |
| 12 | – | – | ·05 | ·06 | – | – | – | ·04 | – | ·02 | ·01 | ·05 | | 12 |
| 13 | ·22 | – | ·01 | ·07 | ·03 | – | ·10 | ·01 | – | ·03 | – | – | | 13 |
| 14 | ·34 | – | ·08 | – | ·04 | ·02 | – | – | – | ·21 | ·07 | ·04 | | 14 |
| 15 | ·05 | – | ·30 | – | ·66 | – | – | ·03 | – | ·10 | ·01 | ·24 | | 15 |
| 16 | ·34 | – | ·06 | – | ·12 | – | – | – | – | ·24 | Tr. | ·01 | | 16 |
| 17 | ·18 | – | ·22 | ·04 | ·19 | – | ·33 | – | ·41 | ·04 | – | ·09 | | 17 |
| 18 | ·31 | – | ·05 | ·18 | ·27 | ·17 | – | Tr. | – | Tr. | – | ·10 | | 18 |
| 19 | – | – | ·13 | ·01 | ·05 | ·32 | ·01 | Tr. | ·24 | ·08 | – | ·03 | | 19 |
| 20 | – | – | ·01 | ·12 | ·17 | ·01 | – | – | ·21 | ·03 | – | Tr. | | 20 |
| 21 | ·01 | – | ·07 | – | ·02 | ·34 | – | ·03 | ·13 | ·08 | – | – | | 21 |
| 22 | Tr. | – | ·04 | ·01 | Tr. | – | – | ·09 | ·40 | ·09 | – | ·03 | | 22 |
| 23 | – | – | ·08 | ·64 | Tr. | – | ·10 | ·06 | Tr. | ·13 | ·03 | ·07 | | 23 |
| 24 | – | ·25 | ·03 | ·01 | Tr. | ·16 | ·07 | – | ·11 | ·07 | – | Tr. | | 24 |
| 25 | ·02 | Tr. | – | ·17 | ·02 | – | ·01 | – | ·11 | ·14 | – | ·35 | | 25 |
| 26 | ·03 | – | ·01 | ·13 | – | ·09 | ·21 | – | ·15 | ·03 | – | ·01 | | 26 |
| 27 | – | – | – | ·03 | – | ·15 | ·26 | Tr. | Tr. | ·14 | ·01 | ·29 | | 27 |
| 28 | – | – | – | ·04 | – | ·23 | ·06 | ·49 | ·09 | ·06 | – | ·59 | | 28 |
| 29 | – | × | – | – | – | – | ·09 | ·80 | ·20 | ·93 | – | ·06 | | 29 |
| 30 | ·11 | × | – | – | – | – | ·02 | ·11 | ·10 | ·19 | – | ·02 | | 30 |
| 31 | Tr. | × | – | × | – | × | ·27 | ·17 | × | ·27 | × | ·08 | | 31 |
| TOTAL | 2·46 | ·25 | 1·98 | 1·96 | 2·25 | 1·85 | 1·53 | 3·43 | 2·53 | 4·98 | 1·74 | 4·63 | Year's Total 29·59 | |
| *Days with ·01 in. or more. | 15 | 1 | 22 | 16 | 14 | 12 | 12 | 19 | 14 | 28 | 13 | 26 | 192 | |
| *Days with ·04 in. or more. | 11 | 1 | 18 | 12 | 11 | 9 | 9 | 14 | 13 | 24 | 7 | 19 | 148 | |

40-9999

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) James Gray

[P. T. O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 2820/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1934.

Kept at Winwick Pumping Station

in the County of Lancashire.

Diameter of Funnel of Gauge 8" 5" in.

Height of top of Gauge above Ground — ft 9" 12" in.

,, Ground ,, Sea Level 115 ft.

Black figures only old gauge

Lat. 53°-26'-0" N.

Check

2°35'35" W.

Readings in Red – 5" Standard Gauges.

To be terminated end of 1934

Copy 5" 9

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | ·17 ·18 | - - | Tr Tr | - - | - - | - - | - - | ·04 ·04 | ·32 ·32 | ·05 ·05 | ·23 ·25 | ·53 ·56 | | 1 |
| 2 | ·01 ·01 | - - | ·10 ·10 | - - | - - | - - | - - | ·55 ·54 | ·04 ·04 | Tr Tr | ·20 ·25 | ·24 ·27 | | 2 |
| 3 | ·09 ·09 | Tr Tr | - - | - - | - - | - - | - - | ·05 ·05 | Tr Tr | ·13 ·13 | ·03 ·03 | ·04 ·04 | | 3 |
| 4 | ·18 ·19 | - - | ·14 ·14 | - - | ·08 ·08 | - - | - - | ·03 ·03 | - - | ·93 1·00 | Tr Tr | ·92 ·91 | | 4 |
| 5 | - - | - - | ·05 ·05 | - - | ·05 ·05 | - - | - - | ·52 ·51 | - - | ·24 ·24 | ·03 ·03 | ·08 ·08 | | 5 |
| 6 | Tr Tr | - - | ·04 ·04 | Tr Tr | ·44 ·46 | ·03 ·03 | - - | Tr Tr | - - | ·18 ·18 | - - | ·35 ·36 | | 6 |
| 7 | ·34 ·35 | - - | ·13 ·13 | ·04 ·04 | - - | ·24 ·24 | - - | - - | - - | ·06 ·07 | ·11 ·11 | ·22 ·23 | | 7 |
| 8 | - - | - - | - - | - | ·09 ·09 | ·10 ·10 | - - | ·02 ·02 | - - | ·14 ·15 | ·51 ·52 | ·01 ·01 | | 8 |
| 9 | - - | Tr Tr | ·16 ·15 | Tr Tr | - - | - - | - - | ·09 ·10 | ·02 ·02 | ·08 ·09 | ·35 ·35 | ·01 ·01 | | 9 |
| 10 | - - | - - | ·18 | ·21 ·18 | - - | - - | - - | ·14 ·14 | - - | ·18 ·19 | Tr Tr | - - | | 10 |
| 11 | - - | - - | ·06 ·06 | ·23 ·23 | - - | - - | Tr Tr | ·14 ·14 | - - | Tr Tr | ·06 ·07 | ·10 ·10 | | 11 |
| 12 | - - | - - | ·05 ·05 | ·06 ·06 | - - | - - | - - | ·04 ·04 | - - | ·02 ·02 | ·01 ·01 | ·05 ·05 | | 12 |
| 13 | ·24 ·22 | - - | ·01 ·01 | ·06 ·07 | ·03 ·03 | - - | ·10 ·10 | ·01 ·01 | - - | ·03 ·03 | - - | - - | | 13 |
| 14 | ·34 ·34 | - - | ·09 ·08 | - - | ·04 ·04 | ·02 ·02 | - - | - - | - - | ·21 ·21 | ·06 ·07 | ·04 ·04 | | 14 |
| 15 | ·08 ·08 | - - | ·29 ·30 | - - | ·66 ·66 | - | - - | ·03 ·03 | - - | ·10 ·10 | ·01 ·01 | ·23 ·24 | | 15 |
| 16 | ·34 ·34 | - - | ·06 ·06 | - - | ·12 ·12 | - | - - | - - | - - | ·24 ·24 | Tr Tr | ·01 ·01 | | 16 |
| 17 | ·18 ·18 | - - | ·23 ·22 | ·04 ·04 | ·19 ·19 | - | ·33 ·33 | - - | ·38 ·41 | ·04 ·04 | - - | ·08 ·09 | | 17 |
| 18 | ·30 ·31 | - - | ·05 ·05 | ·19 ·18 | ·27 ·27 | ·16 ·17 | - - | Tr Tr | - - | Tr Tr | - - | ·10 ·10 | | 18 |
| 19 | - - | - - | ·15 ·13 | ·01 ·01 | ·05 ·05 | ·31 ·32 | ·01 ·01 | Tr Tr | ·23 ·24 | ·08 ·08 | - - | ·03 ·03 | | 19 |
| 20 | - - | - - | ·01 ·01 | ·12 ·12 | ·16 ·17 | ·01 ·01 | - - | - - | ·20 ·21 | ·03 ·03 | - - | Tr Tr | | 20 |
| 21 | ·01 ·01 | - - | ·07 ·07 | - - | ·02 ·02 | ·34 ·34 | - - | ·02 ·03 | ·11 ·13 | ·07 ·08 | - - | - - | | 21 |
| 22 | Tr Tr | - - | ·04 ·04 | ·01 ·01 | Tr Tr | - - | - | ·08 ·09 | ·38 ·40 | ·09 ·09 | - - | ·03 ·03 | | 22 |
| 23 | - - | - - | ·08 ·08 | ·64 ·64 | Tr Tr | - - | ·09 ·10 | ·05 ·06 | Tr Tr | ·13 ·13 | ·02 ·03 | ·07 ·07 | | 23 |
| 24 | - - | ·28 ·25 | ·03 ·03 | ·01 ·01 | Tr Tr | ·16 ·16 | ·06 ·07 | - - | ·10 ·11 | ·06 ·07 | - - | Tr Tr | | 24 |
| 25 | ·02 ·02 | Tr Tr | - - | ·17 ·17 | ·02 ·02 | - - | ·01 ·01 | - - | ·10 ·11 | ·14 ·14 | - - | ·36 ·35 | | 25 |
| 26 | ·02 ·03 | - - | ·01 ·01 | ·13 ·13 | - - | ·09 ·09 | ·20 ·21 | - - | ·14 ·15 | ·03 ·03 | - - | ·01 ·01 | | 26 |
| 27 | - - | - - | - - | ·03 ·03 | - - | ·15 ·15 | ·25 ·26 | Tr Tr | Tr Tr | ·13 ·14 | ·01 ·0 | ·29 ·29 | | 27 |
| 28 | - - | - - | - - | ·04 ·04 | - - | ·23 ·23 | ·06 ·06 | ·49 ·49 | ·09 ·09 | ·06 ·06 | - - | ·61 ·59 | | 28 |
| 29 | - - | X | - - | - - | - - | - - | ·08 ·09 | ·77 ·80 | ·19 ·20 | ·89 ·93 | - - | ·06 ·06 | | 29 |
| 30 | ·12 ·11 | X | - - | - - | - - | - - | ·02 ·02 | ·10 ·11 | ·09 ·10 | SN ·21 ·19 | - - | ·02 ·02 | | 30 check |
| 31 | Tr Tr | X | - - | X | - - | X | ·25 ·27 | ·16 ·11 | X | SN. ·27 ·31 | X | ·07 ·08 | | 31 |
| TOTAL | 2·44 2·46 | ·28 ·25 | 2·03 1·98 | 1·99 1·96 | 2·22 2·25 | 1·84 1·85 | 1·46 1·53 | 3·33 3·43 | 2·39 2·53 | 4·82 4·98 | 1·63 1·74 | 4·56 4·63 | Year's Total.<br>28·99<br>29·59 | |
| * Days with .01 in. or more. | 15 15 | 1 | 22 22 | 16 16 | 14 14 | 12 12 | 12 12 | 19 19 | 14 14 | 28 28 | 13 13 | 26 26 | 192<br>192 | |
| * Days with .04 in. or more. | 11 11 | 1 | 18 18 | 12 12 | 11 | 9 9 | 9 9 | 14 14 | 13 13 | 24 24 | 7 7 | 19 19 | 148<br>148 | |

Already copied on 10 yr. sheet.

40-9999

† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(Signed) James Gray

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2820/5 6

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1935.

*Kept at* WINWICK PUMPING STATION.

*in the County of* LANCASHIRE

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. — in.

,, Ground ,, Sea Level 115 ft.

Lat. 53° 26' 0" N.

Long. 2° 35' 35" W.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

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Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·54 | ·20 | Tr. | Tr | - | ·03 | ·14 | - | ·25 | ·34 | ·09 | ·17 | | 1 |
| 2 | Tr | ·07 | ·14 | - | - | ·28 | - | - | ·03 | ·05 | ·01 | ·32 | | 2 |
| 3 | ·06 | ·42 | ·12 | ·05 | - | ·07 | ·02 | - | ·18 | ·01 | ·11 | ·09 | | 3 |
| 4 | - | Tr | ·08 | ·05 | - | ·26 | - | - | ·42 | ·22 | ·01 | - | | 4 |
| 5 | - | ·26 | ·10 | ·09 | - | ·02 | - | - | ·15 | ·08 | ·35 | ·35 | | 5 |
| 6 | - | - | - | ·08 | - | ·15 | - | - | - | - | - | - | | 6 |
| 7 | - | - | - | ·04 | - | ·04 | - | - | - | ·14 | ·17 | ·27 | | 7 |
| 8 | - | - | - | ·09 | - | ·16 | - | - | - | ·05 | ·15 | ·30 | | 8 |
| 9 | - | - | - | ·13 | - | ·06 | - | - | - | 1·64 | ·08 | - | | 9 |
| 10 | - | ·05 | - | ·01 | - | Tr. | - | - | - | ·10 | ·08 | - | | 10 |
| 11 | ·48 | ·01 | - | - | - | ·17 | - | ·01 | - | ·05 | ·09 | - | | 11 |
| 12 | ·13 | ·08 | - | - | - | ·42 | - | - | ·03 | - | - | - | | 12 |
| 13 | ·28 | ·05 | - | ·08 | ·30 | ·02 | - | - | ·21 | ·07 | - | - | | 13 |
| 14 | Tr | - | - | Tr | - | ·06 | - | - | ·06 | - | ·78 | ·18 | | 14 |
| 15 | - | ·43 | - | ·40 | ·04 | - | ·05 | - | ·08 | - | - | ·75 | | 15 |
| 16 | ·02 | ·20 | ·09 | ·20 | ·02 | ·46 | ·05 | Tr. | ·61 | Tr. | ·38 | - | | 16 |
| 17 | - | - | - | ·25 | ·54 | ·25 | ·32 | ·04 | ·23 | ·03 | ·61 | - | | 17 |
| 18 | - | - | - | ·10 | ·14 | ·05 | ·09 | - | ·44 | ·11 | Tr. | - | | 18 |
| 19 | - | - | - | ·25 | ·20 | ·28 | ·11 | - | - | ·07 | ·15 | - | | 19 |
| 20 | - | ·19 | - | ·22 | Tr. | ·19 | ·08 | - | - | Tr. | ·05 | - | | 20 |
| 21 | - | ·25 | - | - | - | - | - | - | ·49 | ·07 | Tr | ·35 | | 21 |
| 22 | - | ·15 | ·02 | - | - | - | - | - | ·19 | - | Tr. | - | | 22 |
| 23 | ·03 | ·02 | ·48 | - | - | - | - | ·08 | ·07 | ·63 | - | - | | 23 |
| 24 | ·38 | ·26 | ·09 | ·05 | - | - | - | - | ·87 | ·08 | - | ·08 | | 24 |
| 25 | ·25 | - | ·05 | - | - | ·22 | - | - | - | - | ·05 | ·01 | | 25 |
| 26 | - | Tr. | - | - | - | - | - | ·71 | ·49 | ·05 | ·12 | ·28 | | 26 |
| 27 | - | - | - | - | ·10 | ·06 | ·14 | ·05 | ·23 | ·38 | ·32 | ·02 | | 27 |
| 28 | ·02 | ·05 | - | - | ·03 | - | - | ·16 | ·18 | ·31 | ·04 | - | | 28 |
| 29 | - | X | ·04 | - | - | ·03 | - | ·21 | ·29 | ·14 | ·09 | ·03 | | 29 |
| 30 | ·05 | X | - | ·01 | - | ·29 | - | ·10 | ·13 | ·29 | ·67 | ·04 | | 30 |
| 31 | ·02 | X | Tr. | X | - | X | - | Tr. | X | ·15 | X | ·34 | | 31 |
| TOTAL | 2·26 | 2·69 | 1·21 | 2·10 | 1·37 | 3·59 | 1·00 | 1·36 | 5·63 | 5·06 | 4·40 | 3·58 | Year's Total<br>34·25 | |
| *Days with ·01 in. or more. | 12 | 16 | 10 | 17 | 8 | 22 | 9 | 8 | 21 | 23 | 21 | 16 | 185 | |
| *Days with .04 in. or more. | 8 | 14 | 9 | 15 | 6 | 19 | 8 | 7 | 19 | 21 | 19 | 13 | 158 | |

40-9999

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) James Gray

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2820/6

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1936.

*Kept at* Winwick Pumping Station

*in the County of* Lancashire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. – in.

,, Ground ,, Sea Level 115 ft. approx

Lat. 53°. 26'. 0" N.

Long. 2°. 35'. 35" W.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

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Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·01 | ·08 | ·01 | ·22 | · | ·06 | · | ·36 | ·05 | · | ·18 | ·49 | | 1 |
| 2 | ·05 | Tr. | · | ·13 | · | ·34 | · | ·04 | · | · | ·09 | ·16 | | 2 |
| 3 | · | · | · | · | · | ·23 | ·04 | ·14 | ·40 | · | · | ·02 | | 3 |
| 4 | ·19 | · | ·20 | · | · | ·02 | ·01 | ·02 | ·50 | · | ·22 | ·21 | | 4 |
| 5 | ·06 | ·26 | ·16 | · | · | ·01 | · | ·32 | ·08 | · | ·01 | ·63 | | 5 |
| 6 | ·01 | · | · | · | ·05 | Tr. | ·10 | ·22 | ·52 | · | ·03 | · | | 6 |
| 7 | · | · | ·06 | · | · | · | ·08 | | ·75 | · | ·14 | ·26 | | 7 |
| 8 | ·13 | · | ·08 | · | | · | · | · | ·02 | · | ·37 | Tr. | | 8 |
| 9 | ·25 | · | ·04 | · | · | ·03 | ·12 | · | ·35 | · | ·31 | ·06 | | 9 |
| 10 | ·06 | · | · | · | · | · | ·21 | · | ·02 | · | ·21 | · | | 10 |
| 11 | · | · | Tr. | | · | ·12 | ·37 | ·06 | ·07 | · | ·35 | ·01 | | 11 |
| 12 | · | | · | · | ·04 | ·31 | ·26 | | ·44 | ·10 | ·08 | ·01 | | 12 |
| 13 | ·02 | · | · | Tr. | Tr. | ·01 | ·11 | · | · | ·22 | · | ·39 | | 13 |
| 14 | | · | · | ·08 | · | ·26 | ·01 | ·12 | ·45 | ·05 | ·29 | ·48 | | 14 |
| 15 | · | · | · | ·29 | ·21 | ·03 | Tr. | ·01 | ·07 | Tr. | ·38 | ·03 | | 15 |
| 16 | · | ·07 | ·03 | ·01 | ·01 | · | ·10 | · | · | Tr. | ·63 | Tr. | | 16 |
| 17 | · | ·29 | Tr. | | | · | ·14 | ·12 | · | ·17 | ·02 | ·03 | | 17 |
| 18 | · | Tr. | · | ·02 | · | ·05 | ·33 | ·09 | · | ·47 | | · | | 18 |
| 19 | ·42 | ·11 | Tr. | ·23 | · | ·10 | ·03 | ·30 | · | ·07 | · | · | | 19 |
| 20 | ·85 | ·06 | ·02 | · | · | · | · | · | · | ·04 | · | Tr. | | 20 |
| 21 | ·23 | · | | ·05 | · | ·32 | · | · | · | ·01 | | Tr. | | 21 |
| 22 | ·07 | ·35 | ·04 | · | · | ·93 | ·25 | · | · | · | · | ·05 | | 22 |
| 23 | · | ·10 | ·05 | ·05 | · | ·01 | ·41 | | · | ·04 | · | Tr. | | 23 |
| 24 | ·16 | Tr. | · | ·03 | ·02 | | · | · | ·17 | ·44 | · | · | | 24 |
| 25 | ·24 | · | Tr. | | · | | ·01 | · | ·29 | ·41 | | Tr. | | 25 |
| 26 | ·04 | ·12 | ·07 | ·03 | · | · | ·05 | · | ·16 | ·35 | · | Tr. | | 26 |
| 27 | ·88 | Tr. | ·02 | · | · | · | Tr. | · | ·03 | ·61 | ·02 | · | | 27 |
| 28 | ·20 | ·24 | ·12 | Tr. | | · | ·11 | | · | ·04 | · | ·07 | | 28 |
| 29 | ·05 | ·16 | ·57 | · | ·12 | ·50 | · | · | · | ·08 | ·16 | ·05 | | 29 |
| 30 | ·14 | ✕ | · | · | ·09 | Tr. | ·30 | ·04 | · | ·34 | ·25 | Tr. | | 30 |
| 31 | ·13 | ✕ | ·05 | ✕ | · | ✕ | ·06 | ·01 | ✕ | Tr. | ✕ | ·21 | | 31 |
| | | | | | | | | | | | | | Year's Total | |
| TOTAL | 4·19 | 1·84 | 1·52 | 1·14 | ·54 | 3·33 | 3·10 | 1·85 | 4·37 | 3·44 | 3·74 | 3·16 | 32·22 | ✓ |
| * Days with .01 in. or more. | 21 | 11 | 15 | 11 | 7 | 17 | 23 | 14 | 17 | 16 | 18 | 17 | 187 | ✓ |
| * Days with .04 in. or more. | 18 | 11 | 11 | 7 | 5 | 11 | 16 | 11 | 14 | 15 | 14 | 12 | 145 | ✓ |

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) James Gray Jr. [P.T.O.

## COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 2820/16

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1937

*Kept at* WINWICK PUMPING STATION

*in the County of* LANCASHIRE

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. - in.

,, Ground ,, Sea Level 115 ft.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jau. 1, following ✓

Please read the Notes and Instructions Overleaf

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | ·02 | ·23 | ·05 | - | - | ·05 | ·02 | - | ·35 | ·05 | - | ·07 | | 1 |
| 2 | ·03 | ·14 | ·07 | ·14 | - | - | - | - | - | - | - | - | | 2 |
| 3 | - | ·22 | - | - | ·12 | ·25 | ·02 | - | - | - | - | - | | 3 |
| 4 | ·27 | - | ·01 | ·05 | ·06 | - | - | - | - | - | - | (SNOW)<br>·50 | | 4 |
| 5 | ·78 | - | ·02 | ·07 | - | - | - | ·01 | - | - | - | ·23 | | 5 |
| 6 | ·09 | - | - | ·05 | ·15 | - | - | ·25 | - | - | - | ·03 | | 6 |
| 7 | - | ·38 | - | ·27 | ·01 | ·12 | - | - | ·02 | - | - | - | | 7 |
| 8 | - | ·29 | - | ·05 | ·07 | ·04 | ·50 | - | - | - | ·05 | - | | 8 |
| 9 | - | ·17 | (SNOW)<br>·13 | ·04 | ·17 | - | ·16 | ·11 | - | - | - | - | | 9 |
| 10 | ·01 | ·12 | - | - | - | - | ·03 | - | - | - | - | ·15 | | 10 |
| 11 | - | - | ·18 | - | ·38 | - | ·04 | - | - | - | - | - | | 11 |
| 12 | ·01 | ·49 | ·07 | - | - | ·49 | ·01 | ·74 | ·30 | - | - | ·09 | | 12 |
| 13 | - | ·11 | - | - | - | - | - | 1·92 | - | - | - | ·24 | | 13 |
| 14 | - | ·04 | ·03 | - | - | - | - | ·28 | ·04 | - | ·02 | ·08 | | 14 |
| 15 | ·18 | ·17 | - | ·27 | - | - | ·33 | - | ·15 | - | - | ·02 | | 15 |
| 16 | ·03 | ·35 | ·20 | ·58 | - | - | - | ·12 | ·06 | - | - | - | | 16 |
| 17 | ·05 | ·06 | ·17 | ·28 | - | - | - | ·01 | ·03 | - | - | - | | 17 |
| 18 | ·29 | ·16 | ·03 | ·06 | - | - | ·03 | ·21 | - | - | ·52 | - | | 18 |
| 19 | ·11 | ·10 | ·04 | ·21 | - | ·06 | ·05 | ·05 | - | - | ·16 | - | | 19 |
| 20 | ·05 | - | - | ·33 | ·16 | ·04 | ·10 | - | ·04 | - | - | ·10 | | 20 |
| 21 | - | ·16 | (SNOW)<br>·09 | ·20 | - | - | ·27 | - | - | ·10 | - | ·03 | | 21 |
| 22 | ·15 | ·11 | (SNOW)<br>·12 | - | ·04 | ·01 | ·02 | - | - | ·21 | ·16 | ·18 | | 22 |
| 23 | ·10 | - | - | - | ·40 | - | ·07 | - | - | ·43 | ·19 | - | | 23 |
| 24 | ·30 | ·29 | ·06 | - | ·06 | - | ·12 | - | ·18 | ·47 | - | ·04 | | 24 |
| 25 | - | ·36 | ·02 | - | - | - | - | ·10 | ·02 | ·07 | - | ·04 | | 25 |
| 26 | - | ·23 | (SNOW)<br>·18 | - | ·41 | - | - | - | ·02 | - | - | ·03 | | 26 |
| 27 | - | (SNOW)<br>·59 | - | ·17 | - | - | - | - | ·01 | ·40 | - | ·02 | | 27 |
| 28 | - | (SNOW)<br>·05 | - | - | - | - | - | - | - | ·11 | - | - | | 28 |
| 29 | - | - | - | - | - | ·03 | - | - | - | ·12 | ·14 | - | | 29 |
| 30 | ·15 | ✕ | - | - | - | ·27 | - | - | ·01 | ·06 | ·55 | - | | 30 |
| 31 | ·27 | ✕ | - | ✕ | - | ✕ | - | ·03 | ✕ | ·03 | ✕ | - | | 31 |
| TOTAL | 2·89 | 4·92 | 1·47 | 2·77 | 2·03 | 1·36 | 1·77 | 3·83 | 1·23 | 2·05 | 1·79 | 1·85 | Year's Total<br>27·96 | J ✓ |
| * Days with .01 in. or more. | 18 | 22 | 17 | 15 | 12 | 10 | 15 | 12 | 13 | 11 | 8 | 16 | 169 | J ✓ |
| * Days with .04 in. or more. | 13 | 22 | 12 | 15 | 11 | 8 | 9 | 9 | 7 | 10 | 7 | 11 | ~~124~~ 134 | J ✓ |

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) James Hart Jr.

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 2820/5 6

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1938.

*Kept at* WINWICK PUMPING STATION.

*in the County of* LANCASHIRE

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground — 1 ft. — in.

,, Ground ,, Sea Level 115 ft.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | – | ·04 | – | Trace | – | ·60 | ·04 | ·08 | ·19 | ·03 | ·06 | ·24 | | 1 |
| 2 | ·01 | Trace | – | ·34 | – | ·28 | Trace | – | Trace | ·41 | ·10 | ·11 | | 2 |
| 3 | – | – | – | – | – | ·01 | ·17 | – | ·10 | ·69 | ·19 | – | | 3 |
| 4 | Trace | – | – | ·05 | – | ·04 | ·04 | ·02 | Trace | ·13 | ·02 | ·58 | | 4 |
| 5 | ·07 | Trace | – | Trace | – | ·10 | ·05 | ·72 | ·14 | ·81 | – | ·05 | | 5 |
| 6 | ·13 | ·01 | – | – | – | ·01 | ·32 | Trace | ·53 | ·19 | – | Trace | | 6 |
| 7 | ·36 | Trace | – | – | – | – | ·46 | ·05 | ·09 | ·04 | – | – | | 7 |
| 8 | ·45 | ·02 | – | – | – | – | ·58 | ·03 | – | ·56 | – | ·38 | | 8 |
| 9 | ·02 | ·30 | ·16 | – | – | ·32 | ·25 | ·53 | – | Trace | – | ·21 | | 9 |
| 10 | ·04 | ·09 | ·03 | – | – | ·12 | ·67 | – | Trace | ·10 | – | ·17 | | 10 |
| 11 | ·27 | ·04 | – | – | ·09 | ·05 | ·12 | Trace | ·03 | ·12 | ·06 | ·04 | | 11 |
| 12 | ·03 | – | – | – | ·16 | Trace | Trace | ·24 | Trace | 1·06 | ·46 | – | | 12 |
| 13 | ·02 | – | – | – | ·03 | – | ·02 | – | ·03 | ·03 | ·03 | ·07 | | 13 |
| 14 | ·17 | Trace | – | – | ·11 | Trace | ·04 | – | Trace | – | ·01 | – | | 14 |
| 15 | ·24 | – | – | – | Trace | ·01 | ·18 | ·20 | – | ·10 | – | ·11 | | 15 |
| 16 | ·19 | – | ·02 | – | ·20 | – | ·17 | ·03 | ·03 | – | ·05 | ·05 | | 16 |
| 17 | Trace | – | – | – | ·23 | – | ·03 | ·06 | ·09 | ·26 | ·01 | – | | 17 |
| 18 | ·03 | – | – | – | ·07 | ·04 | – | ·15 | – | ·29 | ·25 | – | | 18 |
| 19 | – | – | – | – | – | – | – | ·09 | ·01 | – | – | – | | 19 |
| 20 | ·12 | – | ·03 | – | – | – | – | ·16 | ·07 | – | ·35 | – | | 20 |
| 21 | Trace | – | ·01 | – | – | ·01 | – | ·18 | Trace | – | ·15 | – | | 21 |
| 22 | – | – | – | – | ·03 | ·25 | – | Trace | – | – | ·40 | – | | 22 |
| 23 | – | – | – | Trace | ·03 | ·21 | – | – | ·10 | – | ·34 | – | | 23 |
| 24 | ·22 | ·12 | ·19 | – | ·05 | Trace | – | ·80 | ·04 | ·01 | ·17 | – | | 24 |
| 25 | ·05 | ·18 | ·14 | – | ·03 | ·02 | ·06 | Trace | – | ·60 | ·65 | ·05 | | 25 |
| 26 | ·15 | ·15 | ·31 | – | ·06 | ·10 | ·01 | – | ·09 | ·38 | ·62 | ·18 | | 26 |
| 27 | ·33 | ·09 | Trace | – | ·79 | ·30 | ·07 | ·20 | – | Trace | ·31 | – | | 27 |
| 28 | ·13 | ·03 | ·02 | – | – | ·46 | ·17 | ·05 | ·08 | ·03 | ·02 | ·15 | | 28 |
| 29 | ·32 | × | ·05 | – | 1·20 | ·39 | ·20 | – | Trace | ·09 | ·05 | ·39 | | 29 |
| 30 | ·15 | ✕ | – | – | ·32 | ·05 | Trace | – | ·34 | Trace | ·14 | ·33 | | 30 |
| 31 | ·14 | ✕ | ·01 | ✕ | ·35 | ✕ | – | – | ✕ | ·43 | ✕ | ·88 | | 31 |
| TOTAL | 3·64 | 1·07 | 0·97 | 0·39. | 3·75 | 3·37. | 3·65 | 3·59 | 1·96. | 6·36 | 4·44 | 3·99 | Year's Total 37·18 | ✓ |
| * Days with .01 in. or more. | 23 | 11 | 11 | 2 | 16 | 20 | 20 | 17 | 16 | 21 | 22 | 17 | ~~196~~ | ✓ |
| * Days with .04 in. or more. | 18 | 8 | 5 | 2 | 12 | 15 | 17 | 15 | 12 | 17 | 17 | 17 | 155 | ✓ |

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) James Gray Jr.

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 2820/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1939.

*Kept at* WINWICK PUMPING STATION

*in the County of* LANCASHIRE

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. - in.

,, Ground ,, Sea Level 115 ft.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·37 | - | Trace | ·25 | - | - | Trace | ·01 | ·01 | - | - | ·04 | | 1 |
| 2 | ·11 | - | - | ·11 | - | - | ·20 | ·38 | ·20 | - | ·01 | ·18 | | 2 |
| 3 | SNOW.<br>·15 | - | Trace | ·17 | - | - | - | ·05 | ·30 | - | ·04 | ·40 | | 3 |
| 4 | SNOW<br>·27 | - | ·19 | ·17 | ·03 | - | ·21 | - | - | ·06 | ·02 | ·72 | | 4 |
| 5 | - | - | - | ·01 | ·24 | - | ·30 | ·04 | - | ·25 | ·19 | ·01 | | 5 |
| 6 | ·88 | ·02 | Trace | - | ·01 | - | ·28 | ·01 | - | - | ·07 | - | | 6 |
| 7 | ·07 | ·10 | ·01 | - | - | - | ·15 | ·02 | - | - | ·09 | ·54 | | 7 |
| 8 | ·26 | ·04 | ·37 | - | - | - | ·53. | ·02 | - | ·17 | ·14 | ·20 | | 8 |
| 9 | ·07 | ·21 | - | - | - | - | - | ·30 | - | ·38 | - | ·44 | | 9 |
| 10 | SNOW<br>·21 | - | ·04 | - | - | ·10 | - | ·14 | ·30 | ·11 | ·06 | ·08 | | 10 |
| 11 | ·39 | ·03 | ·19 | - | - | ·56 | - | Trace | Trace | - | - | - | | 11 |
| 12 | ·51 | ·11 | - | - | - | ·04 | - | - | Trace | - | - | - | | 12 |
| 13 | ·01 | - | Trace. | ·23 | ·15 | ·25 | ·18 | - | ·13 | ·03 | - | - | | 13 |
| 14 | ·38 | Trace | - | ·01 | ·17 | ·35 | ·30. | - | - | ·01 | ·25 | - | | 14 |
| 15 | ·09 | Trace | - | ·38 | ·07 | ·82 | ·31. | - | - | - | ·08 | - | | 15 |
| 16 | ·03 | - | ·07 | - | ·20 | - | ·04 | - | - | ·25 | ·15 | - | | 16 |
| 17 | ·69 | ·09 | - | Trace | ·13 | ·01 | - | - | - | ·63 | ·04 | - | | 17 |
| 18 | ·16 | ·19 | ·03. | - | - | ·35 | ·10. | - | - | - | 1·29 | - | | 18 |
| 19 | ·21 | - | - | - | - | - | ·28 | - | - | - | ·02 | - | | 19 |
| 20 | ·09 | - | ·35 | - | ·01 | ·20 | ·03. | ·01 | Trace | - | - | - | | 20 |
| 21 | ·11 | ·02 | ·51 | ·10 | - | - | ·56 | ·85 | ·07 | - | - | - | | 21 |
| 22 | ·03 | ·20 | ·25 | ·05 | - | - | ·11 | - | Trace | Trace | ·75 | - | | 22 |
| 23 | ·07 | ·48 | Trace | ·18 | - | ·02 | ·10. | - | - | ·26 | ·25 | - | | 23 |
| 24 | - | ·14 | - | ·05 | - | ·06 | ·10. | - | - | ·10 | ·01 | - | | 24 |
| 25 | ·05 | ·10 | - | ·02 | - | - | - | - | - | Trace | ·82 | ·02 | | 25 |
| 26 | Trace | - | - | Trace | - | - | - | Trace | - | ·01 | ·31 | Trace | | 26 |
| 27 | ·02 | 1·44 | - | - | - | ·31 | ·40 | ·04 | - | - | ·25 | SNOW | | 27 |
| 28 | - | ·10 | ·12 | ·04 | - | ·15 | ·38 | Trace | - | - | ·51 | ·04 | | 28 |
| 29 | - | X | - | - | - | - | 1·60 | - | - | ·04 | ·08 | - | | 29 |
| 30 | - | ✕ | - | - | - | ·05 | ·14 | - | - | - | ·09 | Trace | | 30 |
| 31 | - | ✕ | - | ✕ | - | ✕ | ·30. | - | ✕ | Trace | ✕ | - | | 31 |
| TOTAL | 5·23 | 3·27 | 2·13 | 1·77<br>~~1·80~~ | 1·01 | 3·27 | 6·60. | 1·87 | 1·01 | 2·30 | 5·52 | 2·67 | Year's Total<br>~~36·67~~ | 36·65 |
| * Days with .01 in. or more. | 24 | 15 | 11 | 14 | 9 | 14 | 22 | 12 | 6 | 13 | 23 | 11 | 174 | |
| * Days with .04 in. or more. | 20 | 12 | 9 | 11 | 6 | 12 | 21 | 7 | 5 | 10 | 19. | 9. | 141. | ✓ |

† Spare column, no entries required

(*Signed*) James Gray

[P.T.O.

* See Instruction 3 (f) on other side.

COPY FOR OFFICIAL USE

**Section** A for the entry of Daily Observations

Station No. 2820/5.6

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 193~~4~~0.

*Kept at* Winwick Pumping Station

*in the County of* Lancashire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. — in.

" Ground " Sea Level 115 ft.

Lat. 53° 26′ 0″ N.

Long. 2° 35′ 35″ W.

Jan + Feb estd for snow from map + surr stns

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |  | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † |  |
| 1 | - | (·10)<br>Snow | - | ·08 | — | - | - | — | ·02 | — | ·25 | ·05 |  | 1 |
| 2 | - | · | - | ·28 | - | - | ·09 | - | — | - | ·26 | ·15 |  | 2 |
| 3 | - | ·05 | Trace | ·25 | - | — | ·18 | - | ·03 | ·04 | ·03 | ·10 |  | 3 |
| 4 | - | ·08 | " | ·01 | - | - | ·05 | - | Trace | ·18 | ·28 | ·20 |  | 4 |
| 5 | - | ·03 | - | - | ·19 | - | ·15 | ·01 | - | ·46 | ·09 | ·28 |  | 5 |
| 6 | ·11 | ·28 | - | - | — | - | ·07 | - | - | ·48 | ·07 | ·04 |  | 6 |
| 7 | ·03 | ·19 | Trace | ·17 | ·02 | - | ·11 | ·08 | ·14 | ·03 | Trace | ·01 |  | 7 |
| 8 | ·01 | - | - | ·02 | Trace | - | - | ·01 | ·01 | ·12 | ·03 | ·24 |  | 8 |
| 9 | - | - | ·26 | - | - | - | ·65 | ·03 | ·15 | ·32 | 1·20 | ·18 |  | 9 |
| 10 | - | - | ·01 | - | - | - | ·36 | ·28 | ·01 | ·28 | ·29 | ·51 |  | 10 |
| 11 | - | - | ·05 | ·06 | - | - | ·01 | - | - | - | 1·24 | ·08 |  | 11 |
| 12 | - | - | ·37 | - | - | ·22 | ·04 | ·07 | ·37 | - | ·28 | - |  | 12 |
| 13 | - | - | ·20 | - | - | - | - | ·04 | ·37 | - | ·02 | ·03 |  | 13 |
| 14 | - | - | ·10 | ·14 | ·11 | - | ·68 | ·12 | ·38 | - | ·18 | ·18 |  | 14 |
| 15 | - | - | - | ·01 | ·29 | Trace | - | - | ·11 | ~~·42~~ | ·07 | ·03 |  | 15 |
| 16 | - | Snow<br>·12 | ·17 | Trace | — | - | ·23. | - | 1·15 | T ·42 | ·20 | ·14 |  | 16 |
| 17 | - | - | ·61 | ·09 | ·02 | - | ·02 | - | ·01 | Trace | ·76 | ·04 |  | 17 |
| 18 | - | ·20 | ·12 | ·22 | — | - | - | ·30 | ·21 | Trace | — | ·21 |  | 18 |
| 19 | - | ·29 | ·16 | ·03 | - | - | ·06 | - | ·24 | ~~·32~~ | ·10 | Trace |  | 19 |
| 20 | - | - | - | ·19 | - | - | ·48 | ·12 | ·02 | ·32 | ·04 | — |  | 20 |
| 21 | - | - | ·04 | - | - | ·49 | ·16 | ·04 | ·02 | Tr ·02 | ·82 | — |  | 21 |
| 22 | - | ·01 | ·03 | ·02 | ·25 | ·12 | - | ·05 | ·07 | Trace | — | — |  | 22 |
| 23 | Snow<br>·01 | ·12 | Trace | ·11 | ·11 | - | ·11 | — | ·12 | - | ·15 | — |  | 23 |
| 24 | ·19 | Trace | ·10 | - | ·01 | - | ·11 | - | Trace | - | Trace | ·01 |  | 24 |
| 25 | Snow<br>·02 | - | — | - | ·11 | ·01 | ·01 | - | — | — | — | - |  | 25 |
| 26 | Snow<br>·81 | ·17 | ·15 | - | ·01 | ·01 | ·20 | ·01 | - | - | ·05 | - |  | 26 |
| 27 | Snow | ·57 | - | Trace | -03 | - | ·18 | - | - | - | ·05 | - |  | 27 |
| 28 | "<br>(1·00) | ·17 | - | - | ·06 | - | — | ·06 | — | - | — | ·02 |  | 28 |
| 29 | " | — | ·25 | ·03 | — | ·27 | ·04 | - | - | ·01 | - | ·36 |  | 29 |
| 30 | " | ✕ | - | ·11 | Trace | - | - | - | - | ·22 | Trace. | ·27 |  | 30 |
| 31 | ·02. | ✕ | ·12. | ✕ | ·02. | ✕ | - | ·07. | ✕ | ·66 | ✕ | ·02 |  | 31 |
| TOTAL | 2·20<br>~~1·20~~ | 2·38<br>~~2·28~~ | 2·74 | 1·82 | 1·23 | 1·14 | 3·99. | 1·29 | 3·43. | 3·55 | 6·46 | 3·15 | Year's Total<br>~~32·28~~ | 33·38 |
| * Days with .01 in. or more. | 12 | 14 | 16 | 17 | 13 | 6 | 22 | 15 | 18 | 14 | 22 | 22 | 191 |  |
| * Days with .04 in. or more. | 3. | 11 | 14 | 11 | 7 | 4 | 19 | 11 | 11 | 11 | 19 | 16 | 137 |  |

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) James Gray

P.T.O.

2821

2821

ST. HELENS – ECCLESTON HILL

1931 – 1940

780501

**Section** **A** for the entry of Daily Observat

AIR MINISTRY.—METEOROL

AINFALL ORGANIZATION.

COPY FOR OFFICIAL USE.

FORM 1090.

# REGISTER OF 1931 .

*Kept at* Eccleston Hill, St. Helens.

*in the County of* Lancaster

Diameter of Funnel of Gauge 12½ in.

Height of top of Gauge above Ground 1 ft. – in.

,, Ground ,, Sea Level 265 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | .31 | .00 | .00 | .07 | .01 | .00 | .00 | .01 | .03 | .04 | .00 | .00 | 1 |
| 2 | .01 | .05 | .00 | .50 | .02 | .64 | .00 | .00 | .49 | .06 | .02 | .01 | 2 |
| 3 | .03 | .00 | .00 | .02 | .00 | .11 | .25 | .00 | .89 | .02 | .61 | .10 | 3 |
| 4 | .01 | .00 | .00 | .28 | .00 | .00 | .12 | .27 | .20 | .01 | .02 | .11 | 4 |
| 5 | .02 | .04 | .00 | .01 | .10 | .89 | .13 | 1.34 | .00 | .00 | .00 | .26 | 5 |
| 6 | .00 | .20 | .00 | .00 | .03 | .52 | .01 | .02 | .26 | .59 | .21 | .00 | 6 |
| 7 | .01 | .03 | .00 | .00 | .00 | .23 | .10 | .62 | .00 | .14 | .04 | .01 | 7 |
| 8 | .08 | .06 | .00 | .07 | .00 | .04 | .10 | .42 | .00 | .00 | .13 | .10 | 8 |
| 9 | .08 | .34 | .00 | .16 | .00 | .07 | .01 | .46 | .06 | .03 | .11 | .07 | 9 |
| 10 | .02 | .08 | .00 | .00 | .13 | .45 | .00 | .09 | .04 | .01 | .32 | .01 | 10 |
| 11 | .39 | .22 | .00 | .02 | .00 | .00 | .10 | .00 | .38 | .00 | .31 | .02 | 11 |
| 12 | .02 | .02 | .00 | .00 | .00 | .00 | .09 | .10 | .08 | .11 | .08 | .00 | 12 |
| 13 | .00 | .00 | .06 | .01 | .18 | .03 | .02 | .41 | .00 | .00 | .00 | .00 | 13 |
| 14 | .05 | .12 | .00 | .00 | .01 | 1.24 | .01 | .99 | .07 | .00 | .63 | .02 | 14 |
| 15 | .21 | .36 | .00 | .24 | .04 | .00 | .10 | .28 | .01 | .00 | .00 | .19 | 15 |
| 16 | .14 | .13 | .00 | 23 | .15 | .05 | .05 | .73 | .21 | .00 | .00 | .00 | 16 |
| 17 | .01 | .00 | .00 | .13 | .20 | .00 | .16 | .29 | .02 | .00 | .18 | .00 | 17 |
| 18 | .29 | .00 | .00 | .00 | .00 | .43 | .43 | .18 | .01 | .00 | .63 | .00 | 18 |
| 19 | .17 | .17 | .00 | .00 | .00 | .08 | .03 | .62 | .02 | .01 | .01 | .00 | 19 |
| 20 | .01 | .15 | .19 | .00 | .00 | .08 | .06 | .16 | .00 | .00 | .07 | .00 | 20 |
| 21 | .39 | .00 | .02 | .07 | .13 | .01 | .00 | .27 | .00 | .00 | .01 | .00 | 21 |
| 22 | .05 | .00 | .01 | .10 | .07 | .03 | .03 | .00 | .00 | .00 | .12 | .00 | 22 |
| 23 | .30 | .00 | .00 | .16 | .21 | .16 | .04 | .00 | .00 | .00 | .24 | .20 | 23 |
| 24 | .02 | .02 | .00 | .07 | .27 | .00 | .15 | .00 | .00 | .00 | .02 | .16 | 24 |
| 25 | .26 | .58 | .00 | .64 | .19 | .00 | .00 | .00 | .00 | .00 | .06 | .08 | 25 |
| 26 | .04 | .06 | .00 | .09 | .00 | .00 | .01 | .00 | .00 | .00 | .84 | .04 | 26 |
| 27 | .30 | .17 | .00 | .09 | .24 | .01 | .09 | .00 | .00 | .30 | 1.16 | .04 | 27 |
| 28 | .52 | .21 | .00 | .02 | .22 | .00 | .00 | .00 | .00 | .06 | .00 | .14 | 28 |
| 29 | .13 | X | .00 | .00 | .01 | .00 | .09 | .00 | .00 | .74 | .02 | .00 | 29 |
| 30 | .00 | X | .00 | .01 | .00 | .00 | .00 | .00 | .14 | .00 | .01 | .03 | 30 |
| 31 | .22 | X | .00 | X | .09 | X | .14 | .00 | X | .01 | X | .02 | 31 |
| TOTAL | 4.09 | 3.01 | .28 | 2.99 | 2.30 | 5.07 | 2.32 | 7.26 | 2.91 | 2.13 | 5.85 | 1.61 | YEAR'S TOTAL 39.82 |
| *Days with ·01 in. or more. | ~~28~~ | ~~19~~ | ~~4~~ | ~~21~~ | ~~19~~ | ~~18~~ | ~~24~~ | ~~18~~ | ~~16~~ | ~~14~~ | ~~24~~ | ~~19~~ | ~~224~~ |
| *Days with ·04 in. or more. | ~~18~~ | ~~16~~ | ~~1~~ | ~~15~~ | ~~14~~ | ~~14~~ | ~~17~~ | ~~16~~ | ~~11~~ | ~~8~~ | ~~15~~ | ~~11~~ | ~~158~~ |

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*)

[P.T.O.

2821

Section **A** for the entry of Daily Observa

COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1931.

*Kept at* Eccleston Hill, St. Helens.

*in the County of* Lancaster

Diameter of Funnel of Gauge 12½ in.

Height of top of Gauge above Ground 1 ft. - in.

,, Ground ,, Sea Level 265 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | .31 | .00 | .00 | .07 | .01 | .00 | .00 | .01 | .03 | .04 | .00 | .00 | 1 |
| 2 | .01 | .05 | .00 | .50 | .02 | .64 | .00 | .00 | .49 | .06 | .02 | .01 | 2 |
| 3 | .03 | .00 | .00 | .02 | .00 | .11 | .25 | .00 | .89 | .02 | .61 | .10 | 3 |
| 4 | .01 | .00 | .00 | .28 | .00 | .00 | .12 | .27 | .20 | .01 | .02 | .11 | 4 |
| 5 | .02 | .04 | .00 | .01 | .10 | .89 | .13 | 1.34 | .00 | .00 | .00 | .26 | 5 |
| 6 | .00 | .20 | .00 | .00 | .03 | .52 | .01 | .02 | .26 | .59 | .21 | .00 | 6 |
| 7 | .01 | .03 | .00 | .00 | .00 | .23 | .10 | .62 | .00 | .14 | .04 | .01 | 7 |
| 8 | .08 | .06 | .00 | .07 | .00 | .04 | .10 | .42 | .00 | .00 | .13 | .10 | 8 |
| 9 | .08 | .34 | .00 | .16 | .00 | .07 | .01 | .46 | .06 | .03 | .11 | .07 | 9 |
| 10 | .02 | .08 | .00 | .00 | .13 | .45 | .00 | .09 | .04 | .01 | .32 | .01 | 10 |
| 11 | .39 | .22 | .00 | .02 | .00 | .00 | .10 | .00 | .38 | .00 | .31 | .02 | 11 |
| 12 | .02 | .02 | .00 | .00 | .00 | .00 | .09 | .10 | .08 | .11 | .08 | .00 | 12 |
| 13 | .00 | .00 | .06 | .01 | .18 | .03 | .02 | .41 | .00 | .00 | .00 | .00 | 13 |
| 14 | .05 | .12 | .00 | .00 | .01 | 1.24 | .01 | .99 | .07 | .00 | .63 | .02 | 14 |
| 15 | .21 | .36 | .00 | .24 | .04 | .00 | .10 | .28 | .01 | .00 | .00 | .19 | 15 |
| 16 | .14 | .13 | .00 | .23 | .15 | .05 | .05 | .73 | .21 | .00 | .00 | .00 | 16 |
| 17 | .01 | .00 | .00 | .13 | .20 | .00 | .16 | .29 | .02 | .00 | .18 | .00 | 17 |
| 18 | .29 | .00 | .00 | .00 | .00 | .43 | .43 | .18 | .01 | .00 | .63 | .00 | 18 |
| 19 | .17 | .17 | .00 | .00 | .00 | .08 | .03 | .62 | .02 | .01 | .01 | .00 | 19 |
| 20 | .01 | .15 | .19 | .00 | .00 | .08 | .06 | .16 | .00 | .00 | .07 | .00 | 20 |
| 21 | .39 | .00 | .02 | .07 | .13 | .01 | .00 | .27 | .00 | .00 | .01 | .00 | 21 |
| 22 | .05 | .00 | .01 | .10 | .07 | .03 | .03 | .00 | .00 | .00 | .12 | .00 | 22 |
| 23 | .30 | .00 | .00 | .16 | .21 | .16 | .04 | .00 | .00 | .00 | .24 | .20 | 23 |
| 24 | .02 | .02 | .00 | .07 | .27 | .00 | .15 | .00 | .00 | .00 | .02 | .16 | 24 |
| 25 | .26 | .58 | .00 | .64 | .19 | .00 | .00 | .00 | .00 | .00 | .06 | .08 | 25 |
| 26 | .04 | .06 | .00 | .09 | .00 | .00 | .01 | .00 | .00 | .00 | .84 | .04 | 26 |
| 27 | .30 | .17 | .00 | .09 | .24 | .01 | .09 | .00 | .00 | .30 | 1.16 | .04 | 27 |
| 28 | .52 | .21 | .00 | .02 | .22 | .00 | .00 | .00 | .00 | .06 | .00 | .14 | 28 |
| 29 | .13 | X | .00 | .00 | .01 | .00 | .09 | .00 | .00 | .74 | .02 | .00 | 29 |
| 30 | .00 | X | .00 | .01 | .00 | .00 | .00 | .00 | .14 | .00 | .01 | .03 | 30 |
| 31 | .22 | X | .00 | X | .09 | X | .14 | .00 | X | .01 | X | .02 | 31 |
| TOTAL | 4.09 | 3.01 | .28 | 2.99 | 2.30 | 5.07 | 2.32 | 7.26 | 2.91 | 2.13 | 5.85 | 1.61 | YEAR'S TOTAL<br>39.82 |
| *Days with ·01 in. or more. | ~~28~~ | ~~19~~ | ~~4~~ | ~~21~~ | ~~19~~ | ~~18~~ | ~~24~~ | ~~18~~ | ~~16~~ | ~~14~~ | ~~24~~ | ~~19~~ | ~~224~~ |
| *Days with ·04 in. or more. | ~~18~~ | ~~16~~ | ~~1~~ | ~~15~~ | ~~14~~ | ~~14~~ | ~~17~~ | ~~16~~ | ~~11~~ | ~~8~~ | ~~17~~ | ~~11~~ | ~~158~~ |

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*See Instruction 2 (*f*) on other side.

M

(Signed) A P Stephens

[P.T.O.

2821

COPY FOR OFFICIAL USE.

**Section** A for the entry of Daily Observations. Station No. 2821.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1932.

*Kept at* Eccleston Hill, St.Helens,

*in the County of* Lancaster.

Diameter of Funnel of Gauge 12½ in.

Height of top of Gauge above Ground 1 ft. - in.

„ Ground „ Sea Level 265 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | .21 | .01 | .00 | .28* | .56 | .00 | .01 | .18 | .10 | .02 | .05 | .09 | 1 |
| 2 | .37 | .01 | .00 | .00 | .29 | .00 | .05 | .02 | .45 | .28 | .05 | .30 | 2 |
| 3 | .00 | .01 | .00 | .03 | .00 | .00 | .04 | .07 | .04 | .01 | .06 | .09 | 3 |
| 4 | .00 | .00 | .00 | .00 | .00 | .00 | .17 | .01 | .00 | .10 | .07 | .04 | 4 |
| 5 | 1.01 | .00 | .17 | .10 | .06 | .00 | .05 | .01 | .09 | .00 | .00 | .00 | 5 |
| 6 | 1.03 | .00 | .18 | .37 | .09 | .00 | .00 | .00 | .15 | .00 | .00 | .00 | 6 |
| 7 | .15 | .00 | .27 | .15 | .00 | .00 | .00 | .00 | .78 | .78 | .00 | .00 | 7 |
| 8 | .06 | .00 | .00 | .07 | .00 | .00 | .00 | .00 | .29 | .46 | .00 | .00 | 8 |
| 9 | .20 | .02* | .00 | .12 | .06 | .00 | .00 | .00 | .10 | .00 | .05 | .00 | 9 |
| 10 | .25 | .01* | .00 | .12 | .00 | .00 | .00 | .00 | .38 | .49 | .01 | .00 | 10 |
| 11 | .06 | .00 | .00 | .04* | .45 | .03 | .38 | .00 | .03 | .01 | .00 | .00 | 11 |
| 12 | .11 | .00 | .00 | .00 | .25 | .00 | .28 | .05 | .02 | .43 | .00 | .00 | 12 |
| 13 | .00 | .00 | .00 | .03 | .10 | .00 | .39 | .04 | .18 | .46 | .00 | .24 | 13 |
| 14 | .15 | .00 | .00 | .20 | .00 | .00 | .21 | .05 | .01 | .14 | .18 | .14 | 14 |
| 15 | .01 | .01 | .00 | .00 | .60 | .00 | .01 | .00 | .00 | .09 | .05 | .01 | 15 |
| 16 | .15 | .00 | .00 | .00 | .00 | .00 | .02 | .00 | .01 | .06 | .00 | .09 | 16 |
| 17 | .00 | .00 | .00 | .00 | .00 | .00 | .06 | .03 | .00 | .27 | .00 | .01 | 17 |
| 18 | .00 | .00 | .00 | .00 | .02 | .00 | .01 | .00 | .01 | .05 | .02 | .00 | 18 |
| 19 | .00 | .00 | .00 | .18 | .03 | .00 | .02 | .00 | .01 | .23 | .00 | .02 | 19 |
| 20 | .00 | .00 | .00 | .07 | .28 | .00 | .03 | .34 | .00 | .20 | .08 | .02 | 20 |
| 21 | .05 | .00 | .31 | .00 | .36 | .00 | .00 | .22 | .00 | .58 | .15 | .00 | 21 |
| 22 | .01 | .00 | .14 | .09 | .10 | .00 | .11 | .00 | .00 | .07 | .84 | .00 | 22 |
| 23 | .00 | .01 | .00 | .01 | .38 | .00 | .05 | .00 | .00 | .16 | .10 | .05 | 23 |
| 24 | .05 | .00 | .00 | .00 | .09 | .00 | .57 | .00 | .20 | .01 | .26 | .00 | 24 |
| 25 | .00 | .00 | .00 | .03 | .01 | .02 | .06 | .00 | .40 | .89 | .09 | .00 | 25 |
| 26 | .00 | .00 | .00 | .05 | .26 | .00 | .14 | .00 | .18 | .21 | .04 | .01 | 26 |
| 27 | .00 | .00 | .45 | .37 | .14 | .08 | .06 | .00 | .00 | .10 | .08 | .04 | 27 |
| 28 | .00 | .00 | .06 | .07 | .21 | .00 | .23 | .00 | .00 | .00 | .00 | .03 | 28 |
| 29 | .04 | .00 | .58 | .27 | .03 | .11 | .02 | .01 | .16 | .62 | .45 | .24 | 29 |
| 30 | .00 | × | .04 | .09 | .00 | .12 | .03 | .11 | .09 | .32 | .54 | .04 | 30 |
| 31 | .01 | × | .04 | × | .00 | × | .89 | .01 | × | .01 | × | .03 | 31 |
| TOTAL | 3.92 | .08 | 2.24 | 2.74 | 4.37 | .36 | 3.89 | 1.15 | 3.68 | 7.05 | 3.17 | 1.49 | YEAR'S TOTAL 34.14 |
| *Days with ·01 in. or more. | ~~18~~ | ~~7~~ | ~~10~~ | ~~21~~ | ~~21~~ | ~~5~~ | ~~25~~ | ~~14~~ | ~~21~~ | ~~27~~ | ~~19~~ | ~~18~~ | ~~206~~ |
| *Days with .04 in. or more. | ~~15~~ | ~~-~~ | ~~10~~ | ~~17~~ | 17 | ~~3~~ | ~~17~~ | ~~8~~ | ~~15~~ | ~~22~~ | ~~17~~ | ~~11~~ | ~~152~~ |

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*See Instruction 2 (*f*) on other side.

*SNOW.

(*Signed*) A. Statham

P.T.O.

2821

Section **A** for the entry of Daily Observations.

COPY FOR OFFICIAL USE.

Station No. ~~2821~~.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1933.

*Kept at* Eccleston Hill, St.Helens,

*in the County of* Lancaster

Diameter of Funnel of Gauge 12½ in.

Height of top of Gauge above Ground 1 ft. - in.

,, Ground ,, Sea Level 265 ft.

check from here

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf.

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | .01 | .19 | .08 | .00 | .00 | .01 | .00 | .00 | .01 | .00 | .17 | .00 | | 1 |
| 2 | .13 | .00 | .16 | .13 | .02 | .04 | .00 | .01 | .00 | .00 | .00 | .00 | | 2 |
| 3 | .01 | .45 | .21 | .00 | .11 | .00 | .00 | .01 | .00 | .00 | .00 | .00 | | 3 |
| 4 | .26 | .02 | .16 | .00 | .15 | .00 | .00 | .00 | .00 | .00 | .02 | .00 | | 4 |
| 5 | .12 | .03 | .06 | .00 | .01 | .00 | .00 | .00 | .00 | .00 | .11 | .00 | | 5 |
| 6 | .00 | .22 | .15 | .00 | .21 | .00 | .00 | .00 | .00 | .00 | .02 | .01 | | 6 |
| 7 | .04 | .47 | .00 | .00 | .02 | .00 | .07 | .06 | .00 | .49 | .01 | .00 | | 7 |
| 8 | .13 | .01 | .09 | .07 | .06 | .00 | .14 | .00 | .00 | .00 | .00 | .03 | | 8 |
| 9 | .00 | .14 | .00 | .03 | .03 | .00 | .48 | .00 | .00 | .33 | .11 | .00 | | 9 |
| 10 | .05 | .38 | .00 | .00 | .00 | .05 | .06 | .00 | .00 | 1.09 | .04 | .00 | | 10 |
| 11 | .00 | .00 | .00 | .00 | .00 | .00 | .47 | .00 | .00 | .13 | .00 | x .13 | | 11 |
| 12 | .02 | .01 | .00 | .00 | .00 | .05 | .33 | .00 | .00 | .07 | .01 | x .01 | | 12 |
| 13 | .01 | .00 | .00 | .00 | .13 | .00 | .20 | .13 | .01 | .15 | .21 | .00 | | 13 |
| 14 | .06 | .00 | .00 | .00 | .00 | .00 | .08 | .03 | .00 | .06 | .32 | .00 | | 14 |
| 15 | .16 | .00 | .02 | .00 | .00 | .05 | .00 | .06 | .00 | .35 | .16 | .02 | | 15 |
| 16 | x .10 | .01 | .13 | .00 | .04 | .25 | .00 | .01 | .00 | .35 | .01 | .01 | | 16 |
| 17 | x .08 | .02 | .53 | .00 | .00 | .58 | .00 | .07 | .06 | .01 | .00 | .01 | | 17 |
| 18 | x .01 | .00 | .17 | .00 | .00 | .20 | .00 | .01 | .00 | .00 | .02 | .01 | | 18 |
| 19 | .00 | .00 | .23 | .00 | .00 | .22 | .00 | .01 | .15 | .00 | .25 | .02 | | 19 |
| 20 | .00 | .23 | .00 | .00 | .32 | .43 | .00 | .48 | .04 | .00 | .00 | .00 | | 20 |
| 21 | .00 | .00 | .00 | .00 | .00 | .09 | .00 | .08 | .00 | .00 | .00 | .01 | | 21 |
| 22 | .00 | .00 | .00 | .02 | .00 | .00 | .00 | .11 | .00 | .01 | .01 | .00 | | 22 |
| 23 | .00 | .00 | .00 | .20 | .00 | .15 | .00 | .00 | .08 | .09 | .00 | .00 | | 23 |
| 24 | .00 | x .24 | .00 | .23 | .14 | .22 | .00 | .00 | .53 | .00 | .00 | .00 | | 24 |
| 25 | .00 | x .33 | .00 | .09 | .00 | .00 | .00 | .00 | .07 | .00 | .00 | .11 | | 25 |
| 26 | .00 | (5)<br>.59 | .00 | .20 | .00 | .00 | .00 | .00 | .00 | .36 | .00 | .01 | | 26 |
| 27 | .00 | .01 | .00 | .00 | .10 | .00 | .00 | .00 | .00 | .01 | .00 | .00 | | 27 |
| 28 | .00 | .01 | .00 | .06 | .00 | .00 | .07 | .36 | .00 | .00 | .00 | .00 | | 28 |
| 29 | .00 | X | .00 | .00 | .00 | .00 | .07 | .00 | .00 | .00 | .00 | .04 | | 29 |
| 30 | x .08 | X | .04 | .17 | .03 | .03 | .06 | .00 | .00 | .18 | .00 | .10 | | 30 |
| 31 | .05 | X | .06 | X | .00 | X | .01 | .02 | X | .30 | X | .08 | | 31 |
| TOTAL | 1.32 | 3.36 | 2.09 | 1.20 | 1.37 | 2.37 | 2.04 | 1.45 | .95 | 3.98 | 1.47 | .60 | Year's Total<br>22.20 | |
| *Days with ·01 in. or more. | ~~17~~ | ~~18~~ | ~~14~~ | ~~10~~ | ~~14~~ | ~~14~~ | ~~12~~ | ~~15~~ | ~~8~~ | ~~16~~ | ~~15~~ | ~~15~~ | ~~168~~ | |
| *Days with .04 in. or more. | ~~12~~ | ~~10~~ | ~~13~~ | ~~8~~ | ~~9~~ | ~~12~~ | ~~11~~ | ~~8~~ | ~~6~~ | ~~13~~ | ~~8~~ | ~~5~~ | ~~115~~ | |

40-9999

*See Instruction 2 (*f*) on other side.

x· SNOW.

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† Spare column, no entries required.

(*Signed*)

[P.T.O.

COPY FOR OFFICIAL USE.

**Section** A for the entry of Daily Observations. Station No. 2821

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1933.

*Kept at* St. Helens, Eccleston Hill
*in the County of* S. Lancashire 2
Diameter of Funnel of Gauge.................in.
Height of top of Gauge above Ground.........ft.........in.
,, Ground ,, Sea Level ...........ft.

Dup.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | | | | | | ·01 | | | ·01 | | ·17 | | | 1 |
| 2 | | | | ·13 | ·02 | ·04 | | ·01 | | | | | | 2 |
| 3 | | | | | 11 | | | 01 | | | | | | 3 |
| 4 | | | | | 15 | | | | | | ·02 | | | 4 |
| 5 | | | | | 01 | | | | | | ·11 | | | 5 |
| 6 | | | | | 21 | | | | | | ·02 | ·01 | | 6 |
| 7 | | | | | ·02 | | ·07 | ·06 | | ·49 | ·01 | | | 7 |
| 8 | | | | ·07 | ·06 | | ·14 | | | | | ·03 | | 8 |
| 9 | | | | ·03 | ·03 | | ·48 | | | ·33 | ·11 | | | 9 |
| 10 | | | | | | ·05 | 06 | | | 1·09 | ·04 | | | 10 |
| 11 | | | | | | | 47 | | | ·13 | | ·13 | | 11 |
| 12 | | | | | | 05 | ·33 | | | ·07 | ·01 | ·01 | | 12 |
| 13 | | | | | ·13 | | 20 | ·13 | | ·15 | ·21 | | | 13 |
| 14 | | | | | | | 08 | ·03 | ·01 | ·06 | 32 | | | 14 |
| 15 | | | | | | ·05 | | 06 | | ·35 | ·16 | ·02 | | 15 |
| 16 | | | | | ·04 | 25 | | 01 | | ·35 | 01 | 01 | | 16 |
| 17 | | | | | | ·58 | | ·07 | | ·01 | | ·01 | | 17 |
| 18 | | | | | | 20 | | 01 | ·06 | | ·02 | ·01 | | 18 |
| 19 | | | | | | ·22 | | ·01 | | ·25 | ·02 | | | 19 |
| 20 | | | | | ·32 | ·43 | | 48 | 15 | | | | | 20 |
| 21 | | | | | | ·09 | | ·08 | ·04 | | | ·01 | | 21 |
| 22 | | | | ·02 | | | | ·11 | | ·01 | ·01 | | | 22 |
| 23 | | | | ·20 | | ·15 | | | | ·09 | | | | 23 |
| 24 | | | | ·23 | ·14 | ·22 | | | ·08 | | | | | 24 |
| 25 | | | | ·09 | | | | | ·53 | | | ·11 | | 25 |
| 26 | | | | ·20 | | | | | ·07 | 36 | | ·01 | | 26 |
| 27 | | | | | ·10 | | | | | ·01 | | | | 27 |
| 28 | | | | ·06 | | | ·07 | ·36 | | | | | | 28 |
| 29 | | | | | | | ·07 | | | | | ·04 | | 29 |
| 30 | | × | | 17 | ·03 | ·03 | ·06 | | | ·18 | | ·10 | | 30 |
| 31 | | × | | × | | × | ·01 | ·02 | × | ·30 | × | ·08 | | 31 |
| TOTAL | | | | 1·20 | 1·37 | 2·37 | 2·04 | 1·45 | ·95 | 3·98 | 1·47 | ·60 | Year's Total | |
| *Days with ·01 in. or more. | | | | | | | | | | | | | | |
| *Days with .04 in. or more. | | | | | | | | | | | | | | |

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*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*)................................................ [P.T.O.

## COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2821

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1934.

*Kept at* Eccleston Hill, St.Helens,

*in the County of* Lancaster

Diameter of Funnel of Gauge 12½ in.

Height of top of Gauge above Ground 1 ft - in.

,, Ground ,, Sea Level 265 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | .11 | .00 | .00 | .00 | .00 | .00 | .00 | .10 | .09 | .01 | *.41 | .51 | | 1 |
| 2 | .01 | .01 | .14 | .00 | .00 | .00 | .00 | .76 | .04 | .02 | .19 | .32 | | 2 |
| 3 | .11 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .20 | .08 | .04 | | 3 |
| 4 | .19 | .00 | .02 | .00 | .16 | .00 | .00 | .11 | .05 | 1.05 | .00 | 1.23 | | 4 |
| 5 | .00 | .00 | .06 | .00 | .04 | .00 | .00 | .58 | .00 | .12 | .02 | .03 | | 5 |
| 6 | .00 | .00 | .01 | .00 | .31 | .00 | .00 | .08 | .00 | .17 | .00 | .20 | | 6 |
| 7 | .34 | .00 | .01 | .06 | .04 | .03 | .00 | .00 | .00 | .07 | .09 | .23 | | 7 |
| 8 | .00 | .00 | .00 | .00 | .07 | .15 | .00 | .03 | .00 | .12 | .61 | .01 | | 8 |
| 9 | .00 | .00 | .13 | .00 | .00 | .00 | .00 | .10 | .00 | .08 | .37 | .00 | | 9 |
| 10 | .00 | .02 | .24 | .23 | .00 | .00 | .00 | .29 | .00 | .16 | .01 | .00 | | 10 |
| 11 | .00 | .00 | .03 | .34 | .00 | .00 | .01 | .09 | .01 | .00 | .02 | .09 | | 11 |
| 12 | .00 | .00 | .06 | .06 | .00 | .00 | .02 | .06 | .00 | .04 | .01 | .02 | | 12 |
| 13 | .17 | .00 | .00 | .03 | .00 | .00 | .20 | .00 | .00 | .05 | .00 | .00 | | 13 |
| 14 | .20 | .00 | .13 | .01 | .01 | .00 | .00 | .00 | .01 | .08 | .02 | .06 | | 14 |
| 15 | .09 | .00 | .24 | .00 | .66 | .00 | .00 | .04 | .00 | .17 | .02 | .20 | | 15 |
| 16 | .34 | .00 | .07 | .00 | .11 | .00 | .00 | .00 | .00 | .24 | .00 | .00 | | 16 |
| 17 | .12 | .00 | .26 | .04 | .25 | .00 | .49 | .00 | .14 | .04 | .00 | .10 | | 17 |
| 18 | .16 | .00 | .02 | .24 | .35 | .23 | .00 | .01 | .00 | .01 | .00 | .13 | | 18 |
| 19 | .00 | .00 | .10 | .00 | .02 | .21 | .00 | .00 | .51 | .10 | .00 | .02 | | 19 |
| 20 | .00 | .00 | .01 | .07 | .10 | .07 | .00 | .00 | .19 | .01 | .00 | .02 | | 20 |
| 21 | .01 | .00 | .11 | .00 | .00 | .31 | .00 | .01 | .25 | .11 | .00 | .00 | | 21 |
| 22 | .02 | .00 | .06 | .00 | .00 | .01 | .00 | .12 | .17 | .12 | .01 | .06 | | 22 |
| 23 | .00 | .00 | .06 | .61 | .01 | .18 | .26 | .14 | .03 | .17 | .15 | .07 | | 23 |
| 24 | .00 | .22 | .02 | .02 | .01 | .07 | .00 | .00 | .11 | .09 | .00 | .00 | | 24 |
| 25 | .00 | .00 | .00 | .16 | .01 | .00 | .02 | .00 | .15 | .07 | .00 | .39 | | 25 |
| 26 | .01 | .00 | .04 | .40 | .00 | .09 | .07 | .00 | .14 | .02 | .00 | .01 | | 26 |
| 27 | .00 | .00 | .00 | .03 | .00 | .11 | .12 | .01 | .00 | .12 | .01 | .27 | | 27 |
| 28 | .00 | .00 | .00 | .01 | .00 | .09 | .01 | 1.61 | .12 | .09 | .00 | .58 | | 28 |
| 29 | .01 | × | .00 | .00 | .00 | .00 | .15 | .00 | .19 | 1.16 | .00 | .05 | | 29 |
| 30 | .18 | × | .00 | .00 | .00 | .00 | .01 | .13 | .16 | X .54 | .00 | .01 | | 30 |
| 31 | .00 | × | .00 | × | .00 | × | .00 | .04 | × | X .13 | × | .13 | | 31 |
| TOTAL | 2.07 | .25 | 1.82 | 2.31 | 2.15 | 1.55 | 1.36 | 4.31 | 2.36 | 5.36 | 2.02 | 4.78 | Year's Total. 30.34 | |
| * Days with .01 in. or more. | ~~16~~ | ~~3~~ | ~~21~~ | ~~15~~ | ~~15~~ | ~~12~~ | ~~11~~ | ~~19~~ | ~~17~~ | ~~30~~ | ~~15~~ | ~~25~~ | ~~199~~ | |
| * Days with .04 in. or more. | ~~11~~ | ~~1~~ | ~~14~~ | ~~10~~ | ~~10~~ | ~~10~~ | ~~6~~ | ~~15~~ | ~~15~~ | ~~25~~ | ~~7~~ | ~~18~~ | ~~142~~ | |

40-9999

* See Instruction 2 (f) on other side.

X Snow.

M

† Spare column, no entries required.

(Signed)

[P.T.O.

COPY FOR OFFICIAL USE.

2821

Section **A** for the entry of Daily Observations. Station No. 2821

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1935.

*Kept at* Eccleston Hill, St.Helens.

*in the County of* Lancaster

Diameter of Funnel of Gauge 12½ in.

Height of top of Gauge above Ground 1 ft. - in.

,, Ground ,, Sea Level 265 ft.

July corr. by card

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf.

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·39 | ·23 | ·00 | ·00 | ·00 | ·02 | ·19 | ·00 | ·68 | ·15 | ·15 | ·10 | | 1 |
| 2 | ·01 | ·05 | ·10 | ·00 | ·00 | ·10 | ·00 | ·00 | ·02 | ·11 | ·01 | ·21 | | 2 |
| 3 | ·08 | ·47 | ·20 | ·08 | ·00 | ·37 | ·00 | ·00 | ·32 | ·00 | ·12 | ·18 | | 3 |
| 4 | ·00 | ·01 | ·04 | ·10 | ·00 | ·13 | ·00 | ·00 | ·39 | ·10 | ·06 | ·05 | | 4 |
| 5 | ·00 | ·28 | ·13 | ·15 | ·00 | ·01 | ·00 | ·00 | ·40 | ·05 | ·26 | ·19 | | 5 |
| 6 | ·00 | ·00 | ·02 | ·11 | ·00 | ·18 | ·00 | ·01 | ·00 | ·00 | ·01 | ·00 | | 6 |
| 7 | ·00 | ·00 | ·00 | ·01 | ·00 | ·07 | ·00 | ·00 | ·00 | ·20 | ·14 | ·27 | | 7 |
| 8 | ·00 | ·00 | ·00 | ·12 | ·00 | ·00 | ·00 | ·00 | ·00 | ·02 | ·15 | ·02 | | 8 |
| 9 | ·00 | ·00 | ·00 | ·16 | ·00 | ·04 | ·00 | ·00 | ·00 | 1·95 | ·05 | ·00 | | 9 |
| 10 | ·05 | ·00 | ·00 | ·00 | ·00 | ·01 | ·00 | ·00 | ·00 | ·12 | ·13 | ·00 | | 10 |
| 11 | ·57 | ·01 | ·00 | ·00 | ·00 | ·14 | ·00 | ·04 | ·00 | ·13 | ·07 | ·00 | | 11 |
| 12 | ·01 | ·10 | ·00 | ·00 | ·00 | ·21 | ·00 | ·00 | ·02 | ·00 | ·00 | ·00 | | 12 |
| 13 | ·20 | ·03 | ·00 | ·05 | ·26 | ·00 | ·00 | ·00 | ·11 | ·05 | ·00 | ·00 | | 13 |
| 14 | ·02 | ·00 | ·00 | ·00 | ·00 | ·12 | ·17 ~~·16~~ | ·00 | ·01 | ·00 | ·63 | ·24 | | 14 |
| 15 | ·00 | ·40 | ·00 | ·53 | ·05 | ·01 | ·06 | ·00 | ·08 | ·00 | ·00 | ※·95 | | 15 |
| 16 | ·01 | ·21 | ·04 | ·21 | ·07 | ·26 | ·10 | ·01 | ·78 | ·00 | ·42 | ※·05 | | 16 |
| 17 | ·00 | ·00 | ·00 | ·15 | ※·65 | ·31 | ·31 | ·16 | ·15 | ·04 | ·66 | ·00 | | 17 |
| 18 | ·00 | ·00 | ·00 | ·11 | ·23 | ·04 | ·11 | ·00 | ·46 | ·10 | ·00 | ·01 | | 18 |
| 19 | ·00 | ·00 | ·00 | ·32 | ·31 | ·28 | ·21 ~~·12~~ | ·00 | ·00 | ·10 | ·17 | ·02 | | 19 |
| 20 | ·01 | ·30 | ·00 | ·43 | ·00 | ·11 | ·06 | ·00 | ·00 | ·00 | ·13 | ·00 | | 20 |
| 21 | ·00 | ·20 | ·00 | ·00 | ·00 | ·01 | ·00 | ·00 | ·45 | ·06 | ·01 | ·33 | | 21 |
| 22 | ·00 | ※·23 | ·01 | ·01 | ·00 | ·00 | ·00 | ·00 | ·06 | ·00 | ·00 | ·00 | | 22 |
| 23 | ·04 | ·03 | ·40 | ·00 | ·00 | ·00 | ·00 | ·07 | ·09 | ·67 | ·00 | ·00 | | 23 |
| 24 | ·32 | ·25 | ·10 | ·00 | ·00 | ·00 | ·00 | ·00 | ·58 | ·05 | ·00 | ·22 | | 24 |
| 25 | ※·14 | ·00 | ·08 | ·00 | ·25 | ·05 | ·00 | ·00 | ·00 | ·00 | ·07 | ·00 | | 25 |
| 26 | ·00 | ·02 | ·00 | ·00 | ·00 | ·00 | ·00 | ·77 | ·46 | ·05 | ·05 | ·18 | | 26 |
| 27 | ·00 | ·01 | ·00 | ·00 | ·05 | ·13 | ·17 | ·37 | ·17 | ·33 | ·31 | ·01 | | 27 |
| 28 | ·03 | ·08 | ·00 | ·00 | ·01 | ·00 | ·00 | ·52 | ·27 | ·39 | ·04 | ·00 | | 28 |
| 29 | ·00 | ✕ | ·04 | ·00 | ·00 | ·04 | ·00 | ·10 | ·41 | ·10 | ·11 | ·05 | | 29 |
| 30 | ·07 | ✕ | ·00 | ·00 | ·00 | ·34 | ·00 | ·10 | ·15 | ·24 | ·55 | ·16 | | 30 |
| 31 | ·01 | ✕ | ·00 | ✕ | ·00 | ✕ | ·00 | ·00 | ✕ | ·12 | ✕ | ·57 | | 31 |
| TOTAL | 1·96 | 2·91 | 1·16 | 2·54 | 1·88 | 2·98 | 1·3 ~~1·28~~ 8 | 2·15 | 6·06 | 5·13 | 4·30 | 3·81 | Year's Total ~~36·16~~ | 36·26 |
| * Days with .01 in. or more. | ~~16~~ | ~~18~~ | ~~11~~ | ~~15~~ | ~~9~~ | ~~23~~ | ~~9~~ | ~~10~~ | ~~21~~ | ~~22~~ | ~~23~~ | ~~19~~ | ~~196~~ | |
| * Days with .04 in. or more. | ~~9~~ | ~~13~~ | ~~9~~ | ~~13~~ | ~~8~~ | ~~18~~ | ~~9~~ | ~~8~~ | ~~18~~ | ~~21~~ | ~~20~~ | ~~15~~ | ~~161~~ | |

40-9999.

* See Instruction 2 (f) on other side.

※ Snow

M

† Spare column, no entries required.

(*Signed*) A. Statham [P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2821

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1936.

*Kept at* St Helens, Eccleston Hill

*in the County of* S. Lancs

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft..........in.

,, Ground ,, Sea Level ..................ft.

Copy by B.R.O.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | — | ·06 | ·07 | ·22 | — | ·05 | ·07 | ·34 | ·06 | — | ·28 | ·60 | | 1 |
| 2 | ·07 | — | — | ·12 | — | ·25 | ·07 | ·08 | — | — | ·11 | ·22 | | 2 |
| 3 | — | — | — | — | — | ·31 | — | ·09 | ·53 | — | ~~t~~ | ·01 | | 3 |
| 4 | ·07 | ·21 | ·19 | — | — | ·07 | ·05 | ·07 | ·27 | — | ·22 | ·26 | | 4 |
| 5 | ·07 | ·05 | ·15 | — | — | — | ·07 | ·29 | ·09 | — | — | ·34 | | 5 |
| 6 | ·03 | — | — | — | ·06 | ·07 | ·09 | ·18 | ·45 | — | ·01 | — | | 6 |
| 7 | — | — | ·13 | — | — | — | ·07 | — | ·51 | — | ·10 | ·26 | | 7 |
| 8 | ·14 | — | ·36 | — | — | — | — | — | ·03 | — | ·38 | ·06 | | 8 |
| 9 | ·23 | — | ·03 | — | — | ·05 | ·14 | — | ·27 | — | ·32 | ·01 | | 9 |
| 10 | ·06 | — | — | — | — | — | ·13 | — | — | — | ·18 | ·01 | | 10 |
| 11 | — | — | ·07 | — | — | ·09 | ·45 | ·09 | ·25 | — | ·49 | ·02 | | 11 |
| 12 | — | — | — | — | ·03 | ·14 | ·32 | — | ·51 | ·15 | ·11 | ·01 | | 12 |
| 13 | ·01 | — | — | — | ·07 | — | ·09 | — | ·04 | ·29 | — | ·45 | | 13 |
| 14 | — | — | — | ·04 | — | ·32 | ·16 | ·20 | ·06 | ·13 | ·26 | 96 | ·96 | 14 |
| 15 | ·25 | — | — | ·60 | ·31 | ·04 | — | ·02 | ·08 | — | ·35 | ·03 | | 15 |
| 16 | ·02 | ·10 | — | ·09 | ·03 | — | ·09 | ~~·03~~ | — | — | ·65 | ·01 | | 16 |
| 17 | ·07 | ·31 | — | — | ·04 | — | ·08 | ·16 | — | ·10 | ·03 | ·04 | | 17 |
| 18 | — | — | — | ·02 | — | — | ·39 | ·13 | — | ·36 | — | — | | 18 |
| 19 | ·38 | ·12 | ·01 | ·22 | — | ·13 | ·06 | ·24 | — | ·05 | — | — | | 19 |
| 20 | ·70 | ·11 | ·05 | ~~·0~~ | — | — | — | — | — | ·04 | — | — | | 20 |
| 21 | ·23 | — | — | ·08 | — | ·51 | — | — | — | ·01 | — | ·01 | | 21 |
| 22 | ·08 | ·35 | ·03 | — | — | ·17 | ·35 | — | — | ·01 | — | ·09 | | 22 |
| 23 | — | ·03 | ·06 | ·05 | — | — | ·49 | — | — | ·04 | — | — | | 23 |
| 24 | ·23 | — | — | ·07 | ·07 | — | — | — | ·16 | ·22 | — | — | | 24 |
| 25 | ·30 | — | — | — | — | — | ·07 | — | ·48 | ·33 | — | ·01 | | 25 |
| 26 | ·03 | ·15 | ·16 | ·03 | — | — | ·07 | — | ·11 | ·29 | — | — | | 26 |
| 27 | ·76 | — | — | — | — | — | — | — | ·03 | ·37 | — | — | | 27 |
| 28 | ·22 | ·23 | ·10 | ·07 | — | — | ·07 | — | — | ·04 | — | ·04 | | 28 |
| 29 | ·05 | ·27 | ·39 | — | ·18 | ·48 | ·02 | — | — | ·04 | ·25 | ·06 | | 29 |
| 30 | ·13 | × | — | — | ·33 | ·07 | ·33 | ·03 | — | ·36 | ·07 | ·01 | | 30 |
| 31 | ·15 | × | ·05 | × | ·07 | × | — | ·03 | × | — | × | ·19 | | 31 |
| TOTAL | 4·28 | 1·99 | 1·79 | 1·49 | 1·01 | 2·57 | 3·43 | 1·89 | 3·93 | 2·83 | 3·81 | 3·70 | Year's Total<br>~~2272~~ | 3272 |
| * Days with .01 in. or more. | ~~23~~ | ~~12~~ | ~~15~~ | ~~12~~ | ~~10~~ | ~~15~~ | ~~23~~ | ~~14~~ | ~~17~~ | ~~17~~ | ~~16~~ | ~~23~~ | ~~197~~ | |
| * Days with .04 in. or more. | ~~19~~ | ~~11~~ | ~~11~~ | ~~8~~ | ~~5~~ | ~~12~~ | ~~14~~ | ~~10~~ | ~~15~~ | ~~15~~ | ~~14~~ | ~~13~~ | ~~149~~ | |

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) ............................................................ [P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2821

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1937.

*Kept at* St. Helens, Eccleston Hill

*in the County of* S. Lancashire

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft.........in.

,, Ground ,, Sea Level ..................ft.

Copy by B.R.O.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following ✓

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·01 | ·19 | ·08 | – | – | – | ·03 | – | ·27 | ·08 | – | – | | 1 |
| 2 | ·02 | ·15 | ·15 | ·19 | – | – | – | – | ·01 | – | – | ·05 | | 2 |
| 3 | – | ·13 | – | – | ·05 | ·22 | ·04 | – | – | – | – | – | | 3 |
| 4 | ·31 | – | ·01 | ·07 | ·09 | – | – | – | – | – | – | ·37 | | 4 |
| 5 | ·75 | – | ·04 | ·13 | – | ·01 | – | – | – | – | – | ·24 | | 5 |
| 6 | ·05 | – | – | ·04 | ·13 | – | – | ·10 | ·01 | – | – | ·01 | | 6 |
| 7 | – | ·31 | – | ·24 | – | ·13 | – | – | ·02 | – | – | – | | 7 |
| 8 | – | ·26 | – | ·08 | ·01 | ·03 | ·29 | – | – | – | ·10 | – | | 8 |
| 9 | – | ·08 | ·06 | ·03 | ·24 | ·02 | ·11 | ·18 | – | – | – | – | | 9 |
| 10 | ·01 | ·12 | – | – | – | – | – | – | – | ·02 | – | ·20 | | 10 |
| 11 | – | ·01 | ·25 | – | ·46 | – | ·02 | – | – | – | – | – | | 11 |
| 12 | ·01 | ·50 | ·02 | – | – | ·44 | ·01 | ·05 | ·47 | – | – | ·11 | | 12 |
| 13 | – | ·10 | – | – | – | – | – | 1·53 | ·02 | – | – | ·39 | | 13 |
| 14 | – | ·03 | – | – | – | – | – | ·38 | ·04 | – | ·04 | ·12 | | 14 |
| 15 | ·18 | ·27 | ·01 | ·32 | – | – | ·45 | – | ·18 | – | – | ·03 | | 15 |
| 16 | ·02 | ·22 | ·14 | ·75 | – | – | – | ·17 | ·05 | – | – | ·01 | | 16 |
| 17 | ·04 | ·05 | ·13 | ·45 | – | ·01 | – | – | ·07 | – | – | – | | 17 |
| 18 | ·26 | ·18 | ·09 | ·09 | – | – | – | ·14 | – | ·04 | ·48 | – | | 18 |
| 19 | ·10 | ·07 | ·06 | ·20 | ·03 | – | ·04 | – | – | – | ·13 | – | | 19 |
| 20 | ·02 | ·01 | ·01 | ·29 | ·14 | – | ·09 | – | – | – | – | ·06 | | 20 |
| 21 | ·01 | ·21 | ·03 | ·17 | ·02 | – | ·26 | – | – | ·16 | – | ·02 | | 21 |
| 22 | ·01 | ·01 | ·04 | – | ·03 | – | ·02 | – | ·01 | ·10 | ·13 | ·14 | | 22 |
| 23 | ·06 | – | ·02 | – | ·67 | – | ·08 | – | – | ·42 | ·14 | – | | 23 |
| 24 | ·08 | ·31 | ·05 | – | – | – | ·19 | – | ·27 | ·76 | – | ·03 | | 24 |
| 25 | – | ·29 | ·05 | – | – | – | – | ·40 | ·02 | ·16 | – | ·03 | | 25 |
| 26 | – | ·27 | ·23 | – | ·29 | – | – | – | ·01 | ·04 | – | ·01 | | 26 |
| 27 | – | ·28 | – | ·21 | – | – | – | – | ·01 | ·37 | – | ·01 | | 27 |
| 28 | – | ·08 | – | – | – | – | – | – | – | ·12 | – | – | | 28 |
| 29 | ·02 | X | – | – | – | ·02 | – | – | – | ·40 | ·30 | – | | 29 |
| 30 | ·12 | X | – | – | – | ·31 | – | – | ·06 | ·08 | ·47 | – | | 30 |
| 31 | ·19 | X | – | X | – | X | – | ·02 | X | ·02 | X | – | | 31 |
| TOTAL | 2·27 | 4·13 | 1·47 | 3·26 | 2·16 | 1·19 | 1·63 | 2·97 | 1·52 | 2·77 | 1·79 | 1·84 | Year's Total 27·00 | |
| * Days with .01 in. or more. | ~~20~~ | ~~24~~ | ~~19~~ | ~~15~~ | ~~12~~ | ~~9~~ | ~~13~~ | ~~9~~ | ~~16~~ | ~~14~~ | ~~8~~ | ~~17~~ | ~~176~~ | |
| * Days with .04 in. or more. | ~~11~~ | ~~20~~ | ~~13~~ | ~~14~~ | ~~8~~ | ~~4~~ | ~~9~~ | ~~8~~ | ~~8~~ | ~~12~~ | ~~8~~ | ~~9~~ | ~~124~~ | |

40-9999.

† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(*Signed*) .................................................... [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 2821

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1938

*Kept at* St. Helens, Eccleston Hill

*in the County of* S. Lancashire

Diameter of Funnel of Gauge 12 in.

Height of top of Gauge above Ground 1 ft. in.

,, Ground ,, Sea Level 265 ft.

Query sent re entry on March 1st observer agrees.

Copy by B.R.O.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | | ·02 | ~~·10~~ ·00 | | | ·86 | — | ·57 | ·22 | ·14 | ·04 | ·31 | | 1 |
| 2 | | ·07 | | ·26 | | ·20 | — | — | — | ·52 | ·20 | ·12 | | 2 |
| 3 | | | | | | ·04 | ·07 | — | ·15 | ·92 | ·24 | — | | 3 |
| 4 | ·01 | | | ·03 | | | ·11 | — | ·02 | ·10 | ·01 | ·74 | | 4 |
| 5 | ·10 | | | | | ·06 | — | 1·00 | ·14 | ·88 | — | ·04 | | 5 |
| 6 | ·22 | | | | | ·05 | ·31 | — | ·32 | ·26 | — | — | | 6 |
| 7 | ·30 | | ·01 | | | | ·36 | ·04 | ·05 | ·04 | — | — | | 7 |
| 8 | ·56 | ·01 | | | | | ·74 | ·10 | — | ·52 | — | ·64 | | 8 |
| 9 | ·03 | ·37 | ·20 | | | ·41 | ·07 | 1·35 | — | — | — | ·14 | | 9 |
| 10 | ·07 | ·04 | ·02 | | | ·09 | ·59 | — | ·02 | ·08 | — | ·20 | | 10 |
| 11 | ·20 | ·03 | | | ·11 | ·08 | ·12 | ·10 | ·06 | ·12 | ·10 | ·10 | | 11 |
| 12 | ·02 | | | | ·22 | | — | ·22 | — | 1·00 | ·50 | — | | 12 |
| 13 | ·02 | | | ·02 | ·04 | | — | — | ·05 | ·02 | ·04 | ·14 | | 13 |
| 14 | ·27 | | | | ·14 | | ·08 | — | ·02 | — | ·02 | — | | 14 |
| 15 | ·19 | | | | | ·04 | ·10 | ·14 | — | ·06 | — | ·10 | | 15 |
| 16 | ·19 | | ·05 | | ·08 | | ·07 | ·04 | ·05 | ·10 | ·06 | ·06 | | 16 |
| 17 | | | | | ·21 | | ·06 | ·07 | ·06 | 1·00 | — | ·06 | | 17 |
| 18 | ·01 | | | | ·05 | ·02 | — | ·31 | — | ·33 | ·30 | — | | 18 |
| 19 | | | | | | | — | ·18 | ·02 | — | — | — | | 19 |
| 20 | | | ·04 | | | | — | ·10 | ·03 | — | ·30 | — | | 20 |
| 21 | | | ·04 | | | ·01 | — | ·15 | — | — | ·24 | — | | 21 |
| 22 | | | | | ·06 | ·03 | — | — | — | — | ·54 | — | | 22 |
| 23 | | | | ·02 | ·01 | ·25 | — | — | ·12 | — | ·38 | — | | 23 |
| 24 | ·13 | ·09 | ·22 | | ·08 | | — | ·67 | ·04 | ·10 | ·22 | — | | 24 |
| 25 | ·01 | ·12 | ·09 | | | ·08 | ·17 | ·02 | — | ·56 | ·64 | ·02 | | 25 |
| 26 | ·10 | ·17 | ·30 | | ·05 | ·14 | — | ·01 | ·10 | ·46 | ·36 | ·30 | | 26 |
| 27 | ·19 | ·06 | | | ·63 | ·20 | ·12 | ·18 | — | — | ·44 | — | | 27 |
| 28 | ·19 | ·02 | ·04 | | | ·50 | ·20 | ·06 | ·02 | ·08 | ·01 | ·34 | | 28 |
| 29 | ·34 | X | ·04 | | 1·62 | ·21 | ·26 | — | — | ·16 | ·04 | ·40 | | 29 |
| 30 | ·10 | ✕ | | | ·04 | ·02 | — | ·02 | ·44 | — | ·12 | ·26 | | 30 |
| 31 | ·09 | ✕ | ·02 | ✕ | ·40 | ✕ | — | — | ✕ | ·50 | ✕ | ·98 | | 31 |
| TOTAL | 3·34 | 1·00 | 1·~~1~~07 | ·33 | 3·74 | 3·29 | 3·43 | 5·33 | 1·93 | 7·95 | 4·80 | 4·95 | Year's Total 41·16 | |
| * Days with .01 in. or more. | ~~22~~ | ~~11~~ | ~~13~~ 12 | ~~4~~ | ~~15~~ | ~~19~~ | ~~16~~ | ~~20~~ | ~~19~~ | ~~22~~ | ~~21~~ | ~~18~~ | ~~199~~ | |
| * Days with .04 in. or more. | ~~16~~ | ~~7~~ | ~~10~~ 9 | ~~1~~ | ~~14~~ | ~~15~~ | ~~16~~ | ~~17~~ | ~~13~~ | ~~21~~ | ~~18~~ | ~~17~~ | ~~164~~ | |

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) A. P. Statham [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 2821

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1939

June corrected for arithmetic

Copy by B.R.O.

*Kept at* St Helens, Eccleston Hill

*in the County of* S. Lancashire

Diameter of Funnel of Gauge 12 in.

Height of top of Gauge above Ground 1 ft. in.

,, Ground ,, Sea Level 265 ft.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | .28 | – | .01✓ | .26 | – | – | .02 | – | .01 | – | – | .04 | | 1 |
| 2 | .02 | – | – | .15 | – | – | .20 | .47 | .19 | – | – | .18 | | 2 |
| 3 | .19 | – | .03 | .25 | – | – | – | .04 | – | – | .03 | .44 | | 3 |
| 4 | .22 | – | .15 | .25 | .04 | – | .27 | – | – | .03 | – | .68 | | 4 |
| 5 | .36 | – | – | – | .24 | – | .21 | .01 | – | .06 | .44 | – | | 5 |
| 6 | 1.12 | .02 | – | – | – | – | .31 | – | – | – | .06 | – | | 6 |
| 7 | .04 | .20 | .01 | – | – | – | .10 | .04 | – | – | .08 | .48 | | 7 |
| 8 | .12 | .08 | .36 | – | – | – | .63 | .03 | – | .16 | .30 | .16 | | 8 |
| 9 | .07 | .14 | – | – | – | – | – | .23 | – | .41 | – | .51 | | 9 |
| 10 | .32 | – | .03 | – | – | .09 | – | .12 | .31 | .04 | .03 | .19 | | 10 |
| 11 | .36 | .02 | .27 | – | – | .38 | – | – | – | .02 | .01 | – | | 11 |
| 12 | .84 | .10 | – | – | – | .05 | – | – | .04 | – | – | – | | 12 |
| 13 | .02 | – | .01 | .28 | .17 | .20 | .33 | – | .11 | – | – | – | | 13 |
| 14 | .60 | – | – | – | .27 | .43 | .20 | – | – | .01 | .33 | – | | 14 |
| 15 | .10 | .01 | – | .39 | .01 | .49 | .06 | – | – | – | .05 | – | | 15 |
| 16 | .02 | – | .10 | – | .21 | – | .15 | – | – | .09 | .15 | – | | 16 |
| 17 | .72 | .03 | – | – | .17 | .17 | – | – | – | .51 | .02 | – | | 17 |
| 18 | .13 | .16 | .04 | – | – | .11 | .14 | – | – | – | .79 | – | | 18 |
| 19 | .28 | – | – | – | – | – | .57 | – | – | – | – | – | | 19 |
| 20 | .12 | – | .16 | – | – | .13 | .02 | .01 | – | – | – | – | | 20 |
| 21 | .10 | .01 | .35 | .01 | .03 | – | – | .39 | .08 | – | – | – | | 21 |
| 22 | .16 | .32 | .09 | .10 | – | – | .10 | – | – | .04 | .83 | – | | 22 |
| 23 | .08 | .43 | .10 | .21 | – | – | .09 | – | – | .50 | .19 | – | | 23 |
| 24 | – | .17 | – | .02 | – | .04 | .11 | – | – | .07 | .03 | – | | 24 |
| 25 | .04 | .11 | – | .03 | – | – | – | – | – | .01 | .68✓ | – | | 25 |
| 26 | – | – | – | – | – | – | – | .02 | – | – | .27 | .02 | | 26 |
| 27 | – | 1.03 | .01 | – | – | .25 | .08 | .18 | – | .01 | .15 | .14 | | 27 |
| 28 | – | .15 | .09 | .04 | – | .11 | .46 | – | – | – | .54 | – | | 28 |
| 29 | – | ✕ | – | .04 | – | – | 1.41 | – | – | .05 | .06 | – | | 29 |
| 30 | – | ✕ | – | – | – | .10 | .15 | – | – | – | .04 | .02 | | 30 |
| 31 | – | ✕ | – | ✕ | – | ✕ | .20 | .01 | ✕ | – | ✕ | .03 | | 31 |
| TOTAL | 6.31 | 2.98 | 1.81 | 2.03 | 1.17 | 5<br>2.~~8~~5 | 5.81 | 1.55 | .74 | 2.01 | 5.08 | 2.89 | Year's Total<br>34.93✓ | |
| * Days with .01 in. or more. | ~~24~~ | ~~16~~ | ~~16~~ | ~~13~~ | ~~8~~ | ~~13~~ | ~~22~~ | ~~12~~ | ~~6~~ | ~~15~~ | ~~21~~ | ~~12~~ | ~~178~~ | |
| * Days with .04 in. or more. | ~~21~~ | ~~11~~ | ~~10~~ | ~~10~~ | ~~6~~ | ~~13~~ | ~~20~~ | ~~7~~ | ~~5~~ | ~~10~~ | ~~16~~ | ~~9~~ | ~~138~~ | |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) ..............................

P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 2821

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

Form 1090

# REGISTER OF RAINFALL IN 19~~3~~40

*Kept at* St Helens, Eccleston Hill.

*in the County of* Lancashire

Diameter of Funnel of Gauge 12 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" Ground " Sea Level 265 ft.

BRITISH RAINFALL ORGANIZATION.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |  | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † |  |
| 1 | – | ·01 | – | ·07 | – | – | – | – | ·02 | – | ·24 | ·05 |  | 1 |
| 2 | – | ·01 | – | ·23 | – | – | ·11 | – | – | – | ·25 | ·15 |  | 2 |
| 3 | – | ·17 | ·01 | ·31 | – | – | ·18 | – | ·02 | – | ·04 | ·09 |  | 3 |
| 4 | – | ·05 | – | – | – | – | – | – | – | ·18 | ·19 | ·06 |  | 4 |
| 5 | – | – | – | – | ·13 | – | ·04 | – | – | ·33 | ·12 | ·10 |  | 5 |
| 6 | ·11 | ·31 | – | – | – | – | ·10 | – | – | ·71 | ·07 | ·03 |  | 6 |
| 7 | – | ·22 | – | ·16 | – | – | ·07 | ·04 | ·25 | ·04 | – | – |  | 7 |
| 8 | ·01 | – | – | – | ·03 | – | – | ·01 | ·01 | ·12 | ·01 | ·23 |  | 8 |
| 9 | – | – | ·27 | – | – | – | ·44 | ·02 | ·08 | ·37 | 1·10 | ·16 |  | 9 |
| 10 | – | – | ·04 | – | – | – | ·47 | ·20 | – | ·22 | ·26 | ·40 |  | 10 |
| 11 | – | – | ·05 | ·05 | – | – | ·01 | – | – | – | 1·15 | ·02 |  | 11 |
| 12 | – | – | ·28 | – | – | ·10 | ·15 | ·09 | ·29 | – | ·33 | – |  | 12 |
| 13 | – | ·01 | ·13 | ·02 | – | – | – | ·07 | ·23 | – | ·03 | ·01 |  | 13 |
| 14 | – | – | ·10 | ·07 | ·09 | – | – | ·10 | ·34 | – | ·26 | ·13 |  | 14 |
| 15 | – | – | – | ·07 | ·47 | – | – | – | ·02 | – | ·06 | ·03 |  | 15 |
| 16 | ·01 | ·19 | ·17 | – | – | – | – | – | 1·07 | ·40 | ·18 | ·11 |  | 16 |
| 17 | – | – | ·60 | ·11 | ·11 | – | ·18 | – | – | – | ·66 | ·02 |  | 17 |
| 18 | ·02 | ·26 | ·02 | ·19 | – | – | – | ·36 | ·28 | – | – | ·05 |  | 18 |
| 19 | – | ·31 | ·15 | – | – | – | ·02 | – | ·20 | – | ·13 | – |  | 19 |
| 20 | – | – | – | ·30 | – | – | ·31 | ·04 | ·05 | ·44 | ·05 | – |  | 20 |
| 21 | – | – | ·05 | – | – | ·41 | ·03 | ·02 | – | – | ·67 | – |  | 21 |
| 22 | – | – | ·06 | – | ·22 | ·13 | – | ·18 | ·09 | – | – | – |  | 22 |
| 23 | ·02 | ·09 | – | ·13 | ·14 | – | ·07 | – | ·11 | – | ·14 | – |  | 23 |
| 24 | ·28 | – | – | – | – | – | – | – | – | – | – | – |  | 24 |
| 25 | – | – | – | – | ·09 | – | – | – | – | – | – | – |  | 25 |
| 26 | 1·12 | ·23 | – | – | ·01 | – | ·19 | ·02 | ·01 | – | ·05 | – |  | 26 |
| 27 | ·41 | ·58 | – | ·29 | – | – | ·16 | – | ·01 | – | ·07 | – |  | 27 |
| 28 | ·06 | ·16 | – | – | ·35 | – | – | ·01 | – | – | ·03 | ·02 |  | 28 |
| 29 | ·02 | – | ·31 | ·02 | – | ·22 | ·14 | – | – | ·02 | – | ·40 |  | 29 |
| 30 | ·01 | ✕ | – | ·26 | – | – | – | – | – | ·24 | – | ·22 |  | 30 |
| 31 | ·03 | ✕ | ·09 | ✕ | ·01 | ✕ | – | ·04 | ✕ | ·79 | ✕ | ·01 |  | 31 |
| TOTAL | 2·10 | 2·60 | 2·33 | 2·28 | 1·65 | ·86 | 2·67 | 1·20 | 3·08 | 3·86 | 6·09 | 2·29 | Year's Total 31·01 |  |
| * Days with .01 in. or more. | ~~11~~ 2 | ~~14~~ | ~~15~~ | ~~15~~ | ~~11~~ | ~~4~~ | ~~17~~ | ~~14~~ | ~~17~~ | ~~12~~ | ~~23~~ | ~~20~~ | ~~174~~ |  |
| * Days with .04 in. or more. | ~~5~~ | ~~11~~ | ~~12~~ 3 | ~~13~~ | ~~8~~ | ~~4~~ | ~~14~~ | ~~9~~ | ~~11~~ | ~~11~~ | ~~20~~ | ~~13~~ | ~~132~~ |  |

1.65

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) A. P. Statham

[P.T.O.

2822

Section **A** for the entry of Daily Observatio

AIR MINISTRY.—METEOROLO

AINFALL ORGANIZATION.

COPY FOR OFFICIAL USE.

FORM 1090.

# REGISTER OF

1931.

2822 –
ST. HELENS
– VICTORIA PARK
1931 – 1940

780501

*Kept at* Victoria Park, ST. HELEN

*in the County of* Lancashire.

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft 5

,, Ground ,, Sea Level 160

?UDV ✓

23/2/32

D + Circ C sent 24.2.32

**THE MORNING MEASUREMENT IS C** US DAY.

*An observer who does not conform to this rule should ins* st of the following *year in the space on the right of this paragraph.*

Jan. 1, following
·04
see file

Please read the eaf.

| Date | Jan. | Feb. | March | April | May | | | | | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | | | | | in. | in. | in. | |
| 1 | .07 | .27 | .23 | - | - | .04 | - | .12 | - | .16 | .01 | .02 | 1 |
| 2 | .34 | - | - | .09 | - | - | - | .01 | .03 | .06 | - | - | 2 |
| 3 | .01 | .02 | - | .50 | .03 | .68 | - | - | .54 | .05 | .03 | .13 | 3 |
| 4 | .04 | - | - | .04 | - | .11 | .27 | - | .96 | .02 | .75 | .05 | 4 |
| 5 | - | - | - | .27 | - | - | .12 | .27 | .21 | - | .04 | .13 | 5 |
| 6 | - | .05 | - | .02 | .11 | .84 | .14 | 1.025 | .02 | - | - | .30 | 6 |
| 7 | - | .20 | - | .01 | .03 | .51 | .02 | .03 | .29 | .60 | .19 | .01 | 7 |
| 8 | - | .05 | - | - | - | .28 | .02 | .54 | - | .16 | .06 | .02 | 8 |
| 9 | .12 | .06 | - | .04 | - | .05 | .07 | .44 | - | - | .19 | .09 | 9 |
| 10 | .05 | .38 | - | .18 | - | .23 | .01 | .45 | .03 | .05 | .13 | .06 | 10 |
| 11 | .05 | .07 | - | - | .12 | .38 | - | .04 | .03 | - | .36 | .01 | 11 |
| 12 | .38 | .24 | - | .02 | - | - | .10 | .01 | .38 | - | .51 | .01 | 12 |
| 13 | .03 | .04 | - | .01 | - | - | .03 | .08 | .07 | .17 | .17 | - | 13 |
| 14 | - | - | .09 | .01 | .24 | .03 | .12 | .29 | .01 | - | .01 | - | 14 |
| 15 | .05 | .14 | - | .01 | .01 | .106 | .01 | 1.001 | .08 | - | .64 | .01 | 15 |
| 16 | .17 | .40 | - | .22 | .07 | - | .09 | .26 | .01 | - | .01 | .12 | 16 |
| 17 | .12 | .12 | - | .23 | .13 | .06 | .08 | .58 | .23 | - | - | - | 17 |
| 18 | .03 | - | - | .23 | .20 | .01 | .13 | .21 | .03 | - | .20 | - | 18 |
| 19 | .29 | - | - | .01 | .01 | .43 | .59 | .20 | .01 | - | .63 | - | 19 |
| 20 | .14 | .21 | - | - | - | .14 | .03 | .67 | .02 | .02 | .01 | - | 20 |
| 21 | .01 | .16 | .23 | - | - | .11 | .02 | .26 | - | - | .09 | - | 21 |
| 22 | .38 | - | .03 | .04 | .13 | .02 | - | .33 | - | - | - | - | 22 |
| 23 | .12 | .02 | - | .05 | .08 | .03 | .04 | .02 | - | - | .15 | - | 23 |
| 24 | .27 | - | .01 | .09 | .22 | .16 | .04 | - | - | - | .33 | .23 | 24 |
| 25 | .10 | .03 | - | .16 | .25 | - | .12 | - | - | - | .03 | .11 | 25 |
| 26 | .27 | .61 | - | .59 | .15 | - | .01 | - | - | - | .07 | .08 | 26 |
| 27 | .06 | .06 | - | .10 | - | - | - | - | - | - | .84 | .04 | 27 |
| 28 | .26 | .16 | - | .12 | .24 | .02 | .10 | - | - | .26 | 1.025 | .02 | 28 |
| 29 | .40 | X | - | .03 | .25 | .01 | - | - | - | .05 | .01 | .10 | 29 |
| 30 | .12 | X | - | - | .03 | - | .06 | - | - | .70 | .03 | - | 30 |
| 31 | - | X | - | X | - | X | - | - | X | .01 | X | .06 | 31 39.79 |
| | ·27 | ·23 | - | - | ·04 | - | ·12 | - | ·16 | ·01 | ·02 | ~~·04~~ | YEAR'S TOTAL |
| TOTAL | ~~3.88~~<br>4·08 | ~~3.29~~<br>3·25 | ~~0.59~~<br>0·36 | ~~3.07~~<br>3·07 | ~~2.30~~<br>2·34 | ~~4.25~~<br>4·21 | ~~2.22~~<br>2·34 | ~~6.84~~<br>6·72 | ~~2.95~~<br>3·11 | ~~2.31~~<br>2·16 | ~~6.52~~<br>6·53 | ~~1.60~~<br>1·62 | ~~39.82~~ |
| *Days with ·01 in. or more. | 25 ✓ | 20 ✓ | ~~5~~4 | 24 ✓ | ~~18~~19 | ~~21~~20 | ~~23~~24 | ~~21~~20 | ~~17~~18 | 13 ✓ | 26 ✓ | 20 | 233 |
| *Days with ·04 in. or more. | 21 ✓ | 17 ✓ | ~~3~~2 | 16 ✓ | ~~13~~14 | ~~15~~14 | ~~15~~16 | ~~17~~16 | ~~8~~9 | ~~10~~9 | 18 ✓ | ~~13~~14 | 166 |

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*See Instruction 2 (*f*) on other side.

(Signed) Frank Hanswell

P.T.O.

2822

Section **A** for the entry of Daily Observatio

COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1931.

*Kept at* Victoria Park, ST. HELENS.

*in the County of* Lancashire.

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft 5 in.

,, Ground ,, Sea Level 160 ft.

?UD ✓

23/2/32

Corr. for WD + Circ C sent 24.2.32.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following
·04
see file

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | .07 | .27 | .23 | - | - | .04 | - | .12 | - | .16 | .01 | .02 | 1 |
| 2 | .34 | - | - | .09 | - | - | - | .01 | .03 | .06 | - | - | 2 |
| 3 | .01 | .02 | - | .50 | .03 | .68 | - | - | .54 | .05 | .03 | .13 | 3 |
| 4 | .04 | - | - | .04 | - | .11 | .27 | - | .96 | .02 | .75 | .05 | 4 |
| 5 | - | - | - | .27 | - | - | .12 | .27 | .21 | - | .04 | .13 | 5 |
| 6 | - | .05 | - | .02 | .11 | .84 | .14 | 1.025 | .02 | - | - | .30 | 6 |
| 7 | - | .20 | - | .01 | .03 | .51 | .02 | .03 | .29 | .60 | .19 | .01 | 7 |
| 8 | - | .05 | - | - | - | .28 | .02 | .54 | - | .16 | .06 | .02 | 8 |
| 9 | .12 | .06 | - | .04 | - | .05 | .07 | .44 | - | - | .19 | .09 | 9 |
| 10 | .05 | .38 | - | .18 | - | .23 | .01 | .45 | .03 | .05 | .13 | .06 | 10 |
| 11 | .05 | .07 | - | - | .12 | .38 | - | .04 | .03 | - | .36 | .01 | 11 |
| 12 | .38 | .24 | - | .02 | - | - | .10 | .01 | .38 | - | .51 | .01 | 12 |
| 13 | .03 | .04 | - | .01 | - | - | .03 | .08 | .07 | .17 | .17 | - | 13 |
| 14 | - | - | .09 | .01 | .24 | .03 | .12 | .29 | .01 | - | .01 | - | 14 |
| 15 | .05 | .14 | - | .01 | .01 | .106 | .01 | 1.001] | .08 | - | .64 | .01 | 15 |
| 16 | .17 | .40 | - | .22 | .07 | - | .09 | .26 | .01 | - | .01 | .12 | 16 |
| 17 | .12 | .12 | - | .23 | .13 | .06 | .08 | .58 | .23 | - | - | - | 17 |
| 18 | .03 | - | - | .23 | .20 | .01 | .13 | .21 | .03 | - | .20 | - | 18 |
| 19 | .29 | - | - | .01 | .01 | .43 | .59 | .20 | .01 | - | .63 | - | 19 |
| 20 | .14 | .21 | - | - | - | .14 | .03 | .67 | .02 | .02 | .01 | - | 20 |
| 21 | .01 | .16 | .23 | - | - | .11 | .02 | .26 | - | - | .09 | - | 21 |
| 22 | .38 | - | .03 | .04 | .13 | .02 | - | .33 | - | - | - | - | 22 |
| 23 | .12 | .02 | - | .05 | .08 | .03 | .04 | .02 | - | - | .15 | - | 23 |
| 24 | .27 | - | .01 | .09 | .22 | .16 | .04 | - | - | - | .33 | .23 | 24 |
| 25 | .10 | .03 | - | .16 | .25 | - | .12 | - | - | - | .03 | .11 | 25 |
| 26 | .27 | .61 | - | .59 | .15 | - | .01 | - | - | - | .07 | .08 | 26 |
| 27 | .06 | .06 | - | .10 | - | - | - | - | - | - | .84 | .04 | 27 |
| 28 | .26 | .16 | - | .12 | .24 | .02 | .10 | - | - | .26 | 1.025 | .02 | 28 |
| 29 | .40 | X | - | .03 | .25 | .01 | - | - | - | .05 | .01 | .10 | 29 |
| 30 | .12 | × | - | - | .03 | - | .06 | - | - | .70 | .03 | - | 30 |
| 31 | - | × | - | × | - | × | - | - | × | .01 | × | .06<br>·84 | 31 39.79 |
| TOTAL | ·27<br>~~3.88~~<br>4.08 | ·23<br>~~3.29~~<br>3.25 | -<br>~~0.59~~<br>0.36 | -<br>~~3.07~~<br>3.07 | ·04<br>~~2.30~~<br>2.34 | -<br>~~4.25~~<br>4.21 | ·12<br>~~2.22~~<br>2.34 | -<br>~~6.04~~<br>6.72 | ·16<br>2.95<br>3.11 | ·01<br>~~2.31~~<br>2.16 | ·02<br>~~6.52~~<br>6.53 | ~~1.60~~<br>1.62 | YEAR'S TOTAL<br>~~39.82~~ |
| *Days with ·01 in. or more. | 25✓ | 20✓ | ~~3~~4 | 24✓ | ~~18~~19 | ~~21~~20 | ~~23~~24 | ~~21~~20 | ~~17~~18 | 13✓ | 26✓ | 20 | 233 |
| *Days with ·04 in. or more. | 21✓ | 17✓ | ~~3~~2 | 16✓ | ~~13~~14 | ~~15~~14 | ~~15~~16 | ~~17~~16 | ~~8~~9 | ~~10~~9 | 18✓ | ~~13~~14 | 166 |

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(Signed) Frank Hanwell

[P.T.O.

*See Instruction 2 (*f*) on other side.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2822

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1932.

*Kept at* VICTORIA PARK, ST. HELENS.

*in the County of* Lancashire.

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 5 in.

,, Ground ,, Sea Level 160 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | 0.04 | 0.01 | – | 0.09 | 0.04 | 0.01 | 0.14 | 0.47 | 0.01 | 0.03 | 0.01 | 0.60 | 1 |
| 2 | 0.21 | 0.01 | – | 0.31 | 0.30 | – | 0.01 | 0.25 | 0.12 | 0.11 | 0.05 | 0.12 | 2 |
| 3 | 0.45 | 0.01 | – | 0.01 | 0.51 | – | 0.03 | 0.03 | 0.56 | 0.24 | 0.04 | 0.34 | 3 |
| 4 | 0.01 | 0.01 | – | 0.07 | 0.02 | – | 0.04 | 0.07 | 0.08 | 0.02 | 0.03 | 0.06 | 4 |
| 5 | – | – | – | 0.01 | – | – | 0.14 | 0.02 | 0.01 | 0.10 | 0.08 | 0.04 | 5 |
| 6 | 0.96 | – | 0.04 | 0.11 | – | – | 0.03 | 0.01 | 0.06 | – | – | – | 6 |
| 7 | 1.009 | – | 0.24 | 0.25 | 0.15 | – | 0.05 | – | 0.22 | – | – | – | 7 |
| 8 | 0.24 | – | 0.26 | 0.12 | – | – | – | – | 0.78 | 0.75 | – | – | 8 |
| 9 | 0.02 | 0.02 | – | 0.08 | – | – | – | – | 0.26 | 0.45 | – | – | 9 |
| 10 | 0.29 | 0.01 | – | 0.18 | 0.10 | – | – | – | 0.08 | 0.02 | 0.05 | – | 10 |
| 11 | 0.30 | 0.02 | – | 0.07 | 0.01 | – | – | – | 0.40 | 0.45 | 0.01 | – | 11 |
| 12 | 0.08 | 0.01 | – | 0.02 | 0.46 | 0.03 | 0.31 | – | 0.01 | 0.02 | – | – | 12 |
| 13 | 0.14 | – | – | – | 0.31 | – | 0.55 | 0.04 | 0.03 | 0.46 | – | – | 13 |
| 14 | 0.01 | 0.01 | – | 0.04 | 0.12 | – | 0.20 | 0.03 | 0.21 | 0.50 | – | 0.24 | 14 |
| 15 | 0.18 | – | – | 0.08 | – | – | 0.32 | 0.03 | 0.01 | 0.10 | 0.20 | 0.12 | 15 |
| 16 | 0.01 | – | – | – | 0.81 | – | 0.01 | – | – | 0.11 | 0.06 | – | 16 |
| 17 | 0.15 | – | – | – | – | – | 0.03 | 0.01 | – | 0.05 | – | 0.09 | 17 |
| 18 | 0.01 | – | – | – | 0.01 | – | 0.08 | 0.04 | 0.05 | 0.22 | – | 0.02 | 18 |
| 19 | – | – | – | – | 0.03 | – | 0.01 | – | 0.01 | 0.05 | 0.02 | – | 19 |
| 20 | – | – | – | 0.14 | 0.05 | – | 0.03 | – | 0.01 | 0.27 | 0.01 | 0.02 | 20 |
| 21 | – | – | – | 0.09 | 0.34 | – | 0.06 | 0.48 | – | 0.22 | 0.23 | 0.02 | 21 |
| 22 | 0.04 | – | 0.32 | 0.01 | 0.51 | – | 0.04 | 0.14 | – | 0.59 | 0.20 | – | 22 |
| 23 | 0.02 | – | 0.12 | 0.12 | 0.03 | – | 0.17 | – | – | 0.08 | 0.70 | – | 23 |
| 24 | – | – | 0.01 | 0.04 | 0.33 | – | 0.05 | – | – | 0.20 | 0.05 | 0.06 | 24 |
| 25 | 0.05 | – | – | – | 0.08 | 0.01 | 0.46 | – | 0.20 | 0.02 | 0.30 | – | 25 |
| 26 | – | 0.01 | – | 0.03 | 0.02 | 0.02 | 0.03 | – | 0.24 | 1.08 | 0.11 | – | 26 |
| 27 | – | – | 0.02 | 0.01 | 0.20 | – | 0.20 | – | 0.24 | 0.38 | 0.10 | – | 27 |
| 28 | – | – | 0.36 | 0.42 | 0.17 | 0.07 | 0.13 | – | – | 0.01 | 0.05 | 0.05 | 28 |
| 29 | – | – | 0.06 | 0.07 | 0.20 | – | 0.25 | – | – | – | – | 0.03 | 29 |
| 30 | 0.02 | × | 0.64 | 0.26 | 0.03 | 0.13 | 0.03 | 0.01 | 0.15 | 0.72 | 0.37 | 0.23 | 30 |
| 31 | – | × | 0.06 | × | – | × | 0.02 | 0.04 | × | 0.31 | × | 0.05 | 31 |
| TOTAL | 4.24 | 0.12 | 2.13 | 2.63 | 4.83 | 0.27 | 3.42 | 1.67 | 3.74 | 7.56 | 2.67 | 2.09 | YEAR'S TOTAL 35.37 |
| *Days with ·01 in. or more. | 21 | 10 | 11 | 24 | 24 | 6 | 27 | 15 | 22 | 28 | 20 | 16 | 224 |
| *Days with .04 in. or more. | 14 | – | 9 | 18 | 17 | 2 | 17 | 8 | 15 | 22 | 15 | 12 | 149 |

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*See Instruction 2 (*f*) on other side.

(*Signed*) Frank Hanwell

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2822

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1933.

*Kept at* Victoria Park, St. Helens.

*in the County of* Lancashire.

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 5 in.

,, Ground ,, Sea Level 160 ft.

W B

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following
·08. ([illegible])

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | 0.08 | 0.16 | 0.02 | 0.07 | - | - | 0.02 | - | 0.03 | - | 0.35 | - | | 1 |
| 2 | 0.01 | 0.17 | 0.07 | 0- | - | 0.01 | - | - | 0.01 | - | 0.12 | - | | 2 |
| 3 | 0.20 | - | 0.17 | 0.14 | 0.02 | 0.02 | - | 0.01 | - | - | - | - | | 3 |
| 4 | 0.02 | 0.45 | 0.22 | - | 0.22 | - | - | - | - | - | - | - | | 4 |
| 5 | 0.30 | 0.03 | 0.17 | - | 0.13 | - | - | - | - | 0.01 | 0.02 | - | | 5 |
| 6 | 0.14 | 0.02 | 0.05 | - | 0.03 | - | - | - | - | - | 0.08 | - | | 6 |
| 7 | - | 0.20 | 0.11 | - | 0.26 | - | - | - | - | - | 0.01 | - | | 7 |
| 8 | 0.05 | 0.47 | - | - | 0.03 | - | 0.05 | 0.03 | - | 0.50 | - | - | | 8 |
| 9 | 0.15 | 0.02 | 0.10 | 0.08 | 0.04 | - | 0.17 | - | - | 0.01 | 0.02 | 0.04 | | 9 |
| 10 | - | 0.20 | - | 0.03 | 0.05 | - | 0.57 | - | - | 0.47 | 0.11 | - | | 10 |
| 11 | 0.07 | 0.43 | - | - | - | 0.07 | 0.05 | - | - | 1.05 | 0.08 | - | | 11 |
| 12 | - | 0.01 | - | 0.03 | 0.01 | - | 0.41 | - | - | 0.09 | - | 0.06 | | 12 |
| 13 | 0.02 | - | - | - | - | 0.06 | 0.37 | - | - | 0.07 | - | 0.10 | | 13 |
| 14 | - | - | - | - | 0.14 | - | 0.20 | 0.17 | 0.02 | 0.13 | 0.21 | - | | 14 |
| 15 | 0.14 | - | - | - | - | - | 0.08 | 0.03 | - | 0.05 | 0.36 | - | | 15 |
| 16 | 0.13 | - | 0.03 | - | 0.02 | 0.01 | - | 0.05 | - | 0.54 | 0.20 | 0.02 | | 16 |
| 17 | 0.06 | 0.01 | 0.15 | - | 0.07 | 0.23 | - | 0.02 | - | 0.30 | 0.02 | 0.06 | | 17 |
| 18 | 0.07 | 0.05 | 0.55 | 0.01 | - | 0.65 | - | 0.20 | 0.06 | 0.03 | - | 0.02 | | 18 |
| 19 | - | - | 0.16 | - | 0.01 | 0.28 | - | 0.05 | - | 0.01 | 0.02 | - | | 19 |
| 20 | - | - | 0.24 | 0.02 | - | 0.09 | - | - | 0.14 | - | 0.25 | - | | 20 |
| 21 | - | 0.21 | 0.03 | - | 0.38 | 0.74 | - | 0.21 | 0.07 | - | 0.02 | - | | 21 |
| 22 | - | - | - | - | - | 0.09 | - | 0.20 | 0.01 | - | - | - | | 22 |
| 23 | - | - | - | 0.03 | - | - | - | 0.12 | - | - | 0.01 | - | | 23 |
| 24 | - | - | - | 0.22 | - | 0.11 | - | - | 0.09 | 0.15 | - | - | | 24 |
| 25 | - | 0.11 | - | 0.18 | 0.16 | 0.26 | - | - | 0.54 | - | - | - | | 25 |
| 26 | - | 0.25 | - | 0.05 | - | - | - | - | 0.15 | - | - | 0.14 | | 26 |
| 27 | - | 0.64 | - | 0.20 | - | - | - | - | - | 0.35 | - | 0.02 | | 27 |
| 28 | - | 0.02 | - | - | 0.02 | - | 0.01 | - | 0.01 | 0.04 | - | - | | 28 |
| 29 | - | | - | 0.05 | - | - | 0.07 | 0.34 | - | - | - | - | | 29 |
| 30 | - | ✕ | 0.01 | - | - | - | - | 0.04 | - | 0.03 | - | 0.07 | | 30 |
| 31 | 0.08 | ✕ | 0.04 | ✕ | 0.03 | ✕ | 0.02 | - | ✕ | 0.16 | ✕ | 0.12 | | 31 |
| TOTAL | +.16<br>1.60<br>~~1.52~~ | +.02<br>3.31<br>~~3.45~~ | +.07<br>2.17<br>~~2.12~~ | 1.04<br>~~1.11~~ | 1.62<br>~~1.62~~ | +.02<br>2.64<br>~~2.62~~ | 2.00<br>~~2.02~~ | +.03<br>1.50<br>~~1.47~~ | 1.10<br>~~1.13~~ | +.35<br>4.34<br>~~3.99~~ | 1.53<br>~~1.88~~ | +.08<br>.73<br>~~0.65~~ | Year's Total<br>23.58<br>~~23.58~~ | |
| *Days with ·01 in. or more. | 15 ✓ | 18 ✓ | 16 ✓ | ~~13~~ 12 | 17 | ~~13~~ 14 | ~~12~~ 11 | ~~13~~ 14 | ~~11~~ 10 | ~~18~~ 19 | ~~16~~ 15 | ~~10~~ 11 | 172 | |
| *Days with .04 in. or more. | 12 ✓ | ~~12~~ 11 | ~~12~~ 13 | ~~8~~ 7 | 9 | 10 | 9 | 9 | 6 | ~~13~~ 14 | ~~9~~ 8 | ~~7~~ 8 | ~~115~~ 116 | |

40-9999

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) Hauh Hauxwell

[P.T.O.

COPY FOR OFFICIAL USE. w w w B.

Section **A** for the entry of Daily Observations. Station No. 2822

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1934.

*Kept at* VICTORIA PARK, ST. HELENS.

*in the County of* LANCASTER.

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft 5 in.

,, Ground ,, Sea Level 160 ft.

W.D.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following
13.4.35
·14.

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | 0.07 | - | - | - | - | - | - | - | 0.13 | 0.28 | 0.19 | - | | 1 |
| 2 | 0.15 | - | - | - | 0.01 | - | - | 0.09 | 0.08 | 0.02 | 0.09 | 0.63 | | 2 |
| 3 | 0.02 | 0.01 | 0.14 | - | - | - | - | 0.98 | 0.03 | 0.01 | 0.52 | 0.25 | | 3 |
| 4 | 0.12 | 0.02 | - | - | - | - | - | - | - | 0.24 | 0.09 | 0.16 | | 4 |
| 5 | 0.20 | - | 0.07 | - | 0.18 | - | - | 0.18 | 0.03 | 1.24 | 0.01 | 1.02 | | 5 |
| 6 | 0.02 | - | 0.07 | - | 0.08 | - | - | 0.67 | - | 0.14 | 0.03 | 0.09 | | 6 |
| 7 | 0.01 | - | 0.05 | 0.02 | 0.32 | 0.01 | - | 0.03 | - | 0.20 | - | 0.22 | | 7 |
| 8 | 0.40 | - | 0.05 | 0.06 | 0.02 | 0.06 | - | 0.01 | - | 0.08 | 0.10 | 0.27 | | 8 |
| 9 | - | - | - | - | 0.10 | 0.11 | - | 0.04 | - | 0.09 | 0.62 | 0.02 | | 9 |
| 10 | - | 0.01 | 0.12 | 0.01 | - | - | - | 0.10 | 0.02 | 0.07 | 0.45 | 0.01 | | 10 |
| 11 | - | - | 0.21 | 0.22 | - | - | 0.01 | 0.09 | 0.01 | 0.17 | 0.02 | 0.01 | | 11 |
| 12 | 0.01 | - | 0.05 | 0.34 | - | - | - | 0.04 | - | 0.01 | 0.01 | 0.15 | | 12 |
| 13 | 0.01 | 0.02 | 0.05 | 0.10 | - | - | - | 0.07 | - | 0.07 | 0.01 | 0.01 | | 13 |
| 14 | 0.20 | - | - | 0.03 | 0.02 | - | 0.16 | - | - | 0.07 | 0.01 | - | | 14 |
| 15 | 0.24 | - | 0.12 | 0.02 | 0.01 | 0.02 | 0.01 | - | - | 0.12 | 0.02 | 0.08 | | 15 |
| 16 | 0.10 | 0.01 | 0.30 | 0.02 | 0.68 | - | 0.01 | 0.07 | 0.01 | 0.11 | 0.02 | 0.26 | | 16 |
| 17 | 0.40 | - | 0.10 | - | 0.17 | - | - | - | - | 0.17 | 0.01 | 0.02 | | 17 |
| 18 | 0.17 | 0.01 | 0.28 | 0.03 | 0.32 | - | 0.54 | - | 0.14 | 0.05 | - | 0.11 | | 18 |
| 19 | 0.16 | - | 0.05 | 0.24 | 0.40 | 0.16 | 0.01 | 0.01 | 0.01 | 0.02 | - | 0.16 | | 19 |
| 20 | - | - | 0.10 | 0.01 | 0.04 | 0.20 | 0.01 | - | 0.39 | 0.10 | 0.01 | 0.03 | | 20 |
| 21 | 0.01 | - | - | 0.11 | 0.11 | 0.15 | - | - | 0.17 | 0.02 | - | 0.02 | | 21 |
| 22 | 0.02 | - | 0.12 | - | 0.03 | 0.28 | ↓ | 0.02 | 0.14 | 0.11 | - | - | | 22 |
| 23 | 0.03 | - | 0.05 | 0.03 | 0.01 | 0.01 | - | 0.21 | 0.28 | 0.12 | 0.02 | 0.13 | | 23 |
| 24 | - | - | 0.05 | 0.53 | 0.02 | 0.24 | 0.14 | 0.10 | 0.01 | 0.18 | 0.10 | 0.02 | | 24 |
| 25 | - | 0.24 | 0.04 | 0.03 | 0.01 | 0.06 | 0.01 | 0.02 | 0.15 | 0.09 | - | - | | 25 |
| 26 | 0.01 | 0.01 | - | 0.15 | 0.02 | - | 0.01 | - | 0.17 | 0.12 | - | 0.52 | | 26 |
| 27 | 0.02 | - | 0.03 | 0.15 | - | 0.06 | 0.07 | - | 0.12 | 0.02 | 0.01 | 0.29 | | 27 |
| 28 | - | - | - | 0.05 | - | 0.22 | 0.12 | 0.02 | - | 0.15 | 0.01 | 0.29 | | 28 |
| 29 | - | | - | 0.03 | - | 0.07 | 0.05 | 1.40 | 0.16 | 0.09 | - | 0.62 | | 29 |
| 30 | 0.01 | × | - | - | - | - | 0.17 | 0.09 | 0.14 | 1.25 | - | 0.05 | | 30 |
| 31 | 0.27 | × | - | × | - | × | 0.03 | ~~0.18~~ 0.13 | × 0.28 | ~~0.21~~ 0.19 | × | ~~0.02~~ 0.14 | | 31 |
| TOTAL | ~~2.65~~ 2.58 | 0.33 ✓ | 2.05 ✓ | 2.18 ✓ | 2.55 ✓ | 1.65 ✓ | 1.33 ✓ | ~~4.42~~ 4.55 | ~~2.12~~ 2.34 | ~~5.63~~ 5.53 | ~~2.36~~ 2.16 | ~~5.47~~ 5.58 | Year's Total ~~32.49~~ 32.83 | |
| *Days with ·01 in. or more. | ~~23~~ 22 | 8 ✓ | 20 ✓ | 20 ✓ | 19 ✓ | 14 ✓ | 15 ✓ | ~~21~~ 22 | 19 ✓ | 31 ✓ | ~~21~~ 20 | ~~27~~ 28 | 238 ✓ | |
| *Days with ·04 in. or more. | ~~18~~ 11 | 1 ✓ | 19 ✓ | 10 ✓ | ~~9~~ 10 | 11 ✓ | 6 ✓ | ~~15~~ 16 | 12 ✓ | 25 ✓ | ~~8~~ 7 | ~~16~~ 19 | ~~144~~ 147 | |

40-9999

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) Frank Hauxwell

Medical Officer of Health.

[P.T.O.

**COPY FOR OFFICIAL ~~USE~~.**

**Section** **A** **for the entry of Daily Observations.** **Station No.** 2822

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1935.

*Kept at* VICTORIA PARK, ST. HELENS.

*in the County of* LANCASTER.

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft 5 in.

,, Ground ,, Sea Level 160 ft.

word for WD

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following 0.55

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | 0.14 | 0.03 | 0.07 | 0.01 | | | | | | | | 0.80 | | 1 |
| 2 | 0.38 | 0.21 | 0.01 | - | | | | | | | | 0.18 | | 2 |
| 3 | 0.02 | 0.11 | 0.28 | - | | | | | | | | 0.23 | | 3 |
| 4 | 0.07 | 0.42 | 0.15 | 0.10 | | | | | | | | 0.06 | | 4 |
| 5 | 0.01 | 0.01 | 0.04 | 0.04 | | | | | | | | 0.04 | | 5 |
| 6 | - | 0.28 | 0.13 | 0.07 | | | | | | | | 0.31 | | 6 |
| 7 | - | 0.01 | 0.02 | 0.10 | | | | | | | | - | | 7 |
| 8 | - | - | - | 0.01 | | | | | | | 0.15 | 0.28 | | 8 |
| 9 | - | - | - | 0.10 | | | | | | | 0.18 | 0.01 | | 9 |
| 10 | 0.08 | 0.02 | - | 0.16 | | | | | | | 0.05 | - | | 10 |
| 11 | 0.06 | 0.07 | - | - | | | | | | | 0.20 | - | | 11 |
| 12 | 0.52 | 0.02 | - | - | | | | | | | 0.08 | - | | 12 |
| 13 | 0.08 | 0.15 | - | - | | APPARATUS | | | | | - | - | | 13 |
| 14 | 0.20 | 0.03 | - | 0.04 | | | | | | | - | - | | 14 |
| 15 | 0.02 | - | - | - | | UNDERGOING | | | | | 0.66 | 0.26 | | 15 |
| 16 | - | 0.48 | - | 0.54 | | | | | | | - | 0.85 | | 16 |
| 17 | 0.01 | 0.28 | 0.06 | 0.23 | | OVERHAUL | | | | | 0.45 | - | | 17 |
| 18 | - | - | - | 0.22 | | | | | | | 0.62 | - | | 18 |
| 19 | - | - | - | 0.10 | | AND REPAIR. | | | | | - | - | | 19 |
| 20 | - | - | - | 0.26 | | | | | | | 0.19 | 0.02 | | 20 |
| 21 | 0.01 | 0.32 | - | 0.44 | | | | | | | 0.11 | - | | 21 |
| 22 | - | 0.18 | - | 0.02 | | | | | | | 0.01 | 0.29 | | 22 |
| 23 | - | 0.17 | - | 0.01 | | | | | | | - | - | | 23 |
| 24 | 0.04 | 0.05 | 0.41 | 0.01 | | | | | | | - | - | | 24 |
| 25 | 0.30 | 0.26 | 0.10 | 0.01 | | | | | | | - | 0.15 | | 25 |
| 26 | 0.19 | 0.02 | 0.05 | - | | | | | | | 0.05 | 0.01 | | 26 |
| 27 | - | 0.02 | - | - | | | | | | | 0.06 | 0.19 | | 27 |
| 28 | - | 0.03 | - | - | | | | | | | 0.38 | 0.005 | | 28 |
| 29 | 0.03 | ✕ | - | - | | | | | | | 0.06 | 0.005 | | 29 |
| 30 | 0.01 | ✕ | 0.03 | - | | | | | | | 0.07 | 0.05 | | 30 |
| 31 | 0.07<br>·03 | ✕<br>·07 | -<br>·01 | ✕<br>- | | ✕ | | | ✕ | | ✕<br>·80 | 0.09<br>·55 | | 31 |
| TOTAL | 2·13<br>~~2.24~~ | 3·21<br>~~3.17~~ | 1·29<br>~~1.35~~ | 2·46<br>~~2.47~~ | | | | | | | ~~3.32~~ | 3·58<br>~~3.83~~ | Year's Total.<br>~~16.38~~ | |
| * Days with .01 in. or more. | 19 | 22 | 12 | ~~19~~ 18 | | | | | | | ~~16~~ | 17 | ~~105~~ | |
| * Days with .04 in. or more. | ~~12~~ 11 | ~~13~~ 14 | ~~9~~ 8 | 13 | | | | | | | ~~15~~ | 14 | ~~76~~ | |

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* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*)

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 2822.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1936.

*Kept at* Victoria Park, St. Helens.

*in the County of* Lancashire

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 5 in.

,, Ground ,, Sea Level 160 ft.

Corrected for WD 13/5/37 C.H.P.

88614/31

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following: ·20

Please read the Notes and Instructions Overleaf

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | .55 | .11 | .33 | .05 | - | .09 | .02 | .03 | .02 | - | - | .10 | | 1 |
| 2 | - | .05 | .07 | .23 | - | .05 | .005 | .38 | .05 | - | .25 | .54 | | 2 |
| 3 | .05 | .005 | - | .11 | - | .25 | - | .04 | .01 | - | .12 | .16 | | 3 |
| 4 | .05 | - | - | - | - | .15 | .08 | .07 | .44 | - | - | .01 | | 4 |
| 5 | .10 | .20 | .19 | - | - | .02 | .04 | .61 | .74 | - | .23 | .20 | | 5 |
| 6 | .05 | .04 | .11 | - | - | .005 | - | .34 | .07 | - | .02 | .44 | | 6 |
| 7 | .02 | - | .005 | - | .05 | - | .09 | .15 | .47 | - | .02 | - | | 7 |
| 8 | - | - | .15 | - | - | - | .08 | - | .67 | - | .10 | .27 | | 8 |
| 9 | .16 | - | .36 | - | - | - | - | - | - | - | .42 | .04 | | 9 |
| 10 | .23 | - | .02 | - | - | .05 | .10 | - | .35 | - | .39 | - | | 10 |
| 11 | .01 | - | - | - | - | - | .23 | - | .02 | - | .22 | - | | 11 |
| 12 | - | - | .005 | - | - | .09 | .40 | .07 | .05 | - | .45 | .03 | | 12 |
| 13 | - | - | - | .005 | .04 | .16 | .34 | - | .10 | .08 | .14 | - | | 13 |
| 14 | .03 | - | - | .005 | .02 | - | .02 | - | - | .29 | - | .58 | | 14 |
| 15 | - | - | - | .05 | - | .33 | .17 | .15 | - | .05 | .31 | .98 | | 15 |
| 16 | .21 | - | - | .42 | .25 | .05 | - | .03 | - | - | .33 | .04 | | 16 |
| 17 | .02 | .06 | .02 | .11 | .03 | - | .07 | .02 | - | - | .59 | .01 | | 17 |
| 18 | .12 | .30 | - | - | .05 | - | .10 | .04 | - | .14 | - | .06 | | 18 |
| 19 | .02 | - | - | .005 | - | - | .43 | .02 | - | .47 | - | - | | 19 |
| 20 | .49 | .13 | .005 | .20 | - | .82 | .06 | .04 | - | .02 | - | - | | 20 |
| 21 | .44 | .10 | .06 | - | - | - | - | - | - | .02 | -- | - | | 21 |
| 22 | .23 | - | .005 | .07 | - | .37 | - | - | - | - | - | .02 | | 22 |
| 23 | .04 | .31 | .02 | - | - | .61 | .36 | - | - | - | - | .09 | | 23 |
| 24 | - | .07 | .05 | .06 | - | - | .51 | - | - | .04 | - | - | | 24 |
| 25 | .17 | - | - | .02 | .01 | - | - | - | .02 | .29 | - | - | | 25 |
| 26 | .35 | - | - | - | - | - | .03 | - | .64 | .34 | - | .01 | | 26 |
| 27 | .02 | .13 | .14 | .03 | - | - | .05 | - | .11 | .33 | - | - | | 27 |
| 28 | .76 | - | .005 | - | - | - | .04 | - | .02 | .34 | - | - | | 28 |
| 29 | .21 | .24 | .10 | .02 | - | - | .04 | - | - | .04 | .01 | .04 | | 29 |
| 30 | .04 | × | .42 | - | .03 | .53 | .09 | - | - | .04 | .23 | .05 | | 30 |
| 31 | .12 | × | - | × | .30 | × | .34 | .10 | × | .40 | × | .01 | | 31 |
| TOTAL | 4.45 .41<br>~~4.49~~<br>~~4.38~~ | 1.96 .33<br>~~1.845~~<br>~~1.83~~ | 1.73 .05<br>~~2.060~~<br>~~2.01~~ | 1.33 nil<br>~~1.385~~<br>~~1.36~~ | .87 .09<br>~~.78~~<br>~~.69~~ | 3.50 .02<br>~~3.575~~<br>~~3.45~~ | 3.70 .03<br>~~3.695~~<br>~~3.66~~ | 1.48 .02<br>~~1.49~~<br>~~1.47~~ | 3.36 nil<br>~~3.38~~<br>~~3.38~~ | —<br>2.89 | 3.93 .10<br>~~3.83~~<br>~~3.73~~ | .20 3.78<br>~~3.68~~<br>~~3.69~~ | Year's Total<br>~~33.3~~<br>~~31.23~~ | Print<br>32.98 | |
| * Days with .01 in. or more. | ~~23~~ 25 | ~~13~~ 12 | ~~14~~ 16 | 12 ✓ | ~~8~~ 10 | 14 ✓ | 23 ✓ | 15 ✓ | 16 ✓ | 15 ✓ | ~~16~~ 17 | 20 ✓ | ~~192~~ | 195 | |
| * Days with .04 in. or more. | 18 ✓ | 12 ✓ | 11 ✓ | ~~9~~ 8 | ~~5~~ 6 | ~~13~~ 12 | 20 ✓ | 10 ✓ | 11 ✓ | 13 ✓ | ~~13~~ 14 | 14 ✓ | 149 ✓ | | |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(Signed) Frank Maxwell [P.T.O.

DR. F. MAXWELL

COPY FOR OFFICIAL USE

**Section** **A** for the entry of Daily Observations

**Station No.** 2822

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1937.

*Kept at* Victoria Park, St. Helens.

*in the County of* Lancaster

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 5 in.

,, Ground ,, Sea Level 160 ft.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following ✓

**Please read the Notes and Instructions Overleaf**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | .01 | .18 | .09 | - | - | .01 | .02 | - | .27 | .08 | .02 | .08 | | 1 |
| 2 | .04 | .19 | .15 | .17 | - | .02 | .01 | - | .01 | - | - | .01 | | 2 |
| 3 | - | .14 | .01 | .02 | .12 | .30 | .02 | - | - | - | - | .02 | | 3 |
| 4 | .26 | .01 | .04 | .08 | .14 | - | .01 | - | - | - | - | .35 | | 4 |
| 5 | .77 | - | .05 | .12 | - | .03 | .01 | .02 | .01 | - | - | .22 | | 5 |
| 6 | .06 | - | - | .10 | .14 | - | - | .02 | .01 | - | .02 | .02 | | 6 |
| 7 | - | .24 | - | .23 | .01 | .15 | - | - | .02 | - | - | - | | 7 |
| 8 | - | .23 | - | .08 | .03 | .30 | .29 | - | .01 | - | .08 | - | | 8 |
| 9 | - | .10 | .02 | .03 | .31 | .02 | .18 | .24 | - | - | - | - | | 9 |
| 10 | - | .12 | - | .01 | - | - | .01 | - | - | - | - | .27 | | 10 |
| 11 | - | - | .23 | - | .59 | - | .03 | - | - | - | - | - | | 11 |
| 12 | .02 | .49 | .02 | - | .02 | .55 | .02 | .25 | .43 | - | - | .26 | | 12 |
| 13 | - | .11 | - | - | - | - | - | 1.40 | .01 | - | - | .32 | | 13 |
| 14 | - | .04 | .01 | - | .02 | - | .01 | .30 | .07 | - | .03 | .15 | | 14 |
| 15 | .20 | .29 | - | .30 | - | - | .42 | - | .23 | - | - | .04 | | 15 |
| 16 | .01 | .29 | .15 | .72 | - | - | - | .14 | .07 | - | - | - | | 16 |
| 17 | .04 | .05 | .11 | .33 | - | .03 | - | - | .05 | - | - | - | | 17 |
| 18 | .28 | .15 | .08 | .04 | - | - | .06 | .16 | - | - | .59 | - | | 18 |
| 19 | .10 | .07 | .03 | .21 | .03 | .09 | - | .06 | - | - | .15 | - | | 19 |
| 20 | .02 | .03 | .16 | .26 | .11 | - | .16 | - | - | - | - | .09 | | 20 |
| 21 | .02 | .16 | .02 | .18 | .02 | - | .20 | - | - | .15 | - | .02 | | 21 |
| 22 | .01 | .03 | .04 | - | .04 | - | .02 | - | - | .11 | .18 | .14 | | 22 |
| 23 | .05 | - | .02 | - | .86 | .01 | .11 | - | .01 | .51 | .13 | .01 | | 23 |
| 24 | .11 | .21 | .06 | - | - | - | .09 | - | .20 | .73 | - | .05 | | 24 |
| 25 | - | .33 | .03 | - | - | - | .01 | .24 | .03 | .08 | - | - | | 25 |
| 26 | - | .33 | .17 | - | .30 | - | - | - | .01 | .02 | - | .01 | | 26 |
| 27 | - | .29 | .01 | .20 | - | - | - | - | - | .37 | - | .01 | | 27 |
| 28 | - | .02 | - | - | - | .02 | - | - | - | .12 | - | - | | 28 |
| 29 | - | | - | - | - | .02 | - | - | - | .37 | .28 | - | | 29 |
| 30 | .10 | ✕ | - | - | - | .37 | - | - | .10 | .07 | .35 | - | | 30 |
| 31 | .20 | ✕ | - | ✕ | - | ✕ | - | .02 | ✕ | .03 | ✕ | - | | 31 |
| TOTAL | 2.30 | 4.10 | 1.50 | 3.08 | 2.74 | 1.92 | 1.68 | 2.85 | 1.54 | 2.64 | 1.83 | 2.07 | Year's Total 28.25 | ✓ |
| * Days with .01 in. or more. | 18 | 24 | 21 | 17 | 15 | 14 | 16 | 11 | 17 | 12 | 10 | 18 | 193 | ✓ |
| * Days with .04 in. or more. | 12 | 20 | 12 | 14 | 9 | 6 | 8 | 8 | 8 | 10 | 7 | 11 | 125 | ✓ |

† Spare column, no entries required.

(Signed) [P.T.O.

* See Instruction 3 (f) on other side.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations
Station No. 2822

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1938.

*Kept at* Victoria Park, St. Helens.
*in the County of* Lancaster.
Diameter of Funnel of Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 5 in.
,, Ground ,, Sea Level 160 ft.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | - | .04 | - | .01 | - | 1.04 | - | .51 | .28 | .18 | .04 | .20 | | 1 |
| 2 | - | .05 | - | .29 | .01 | .17 | - | - | - | .48 | .07 | .07 | | 2 |
| 3 | .01 | .01 | - | - | - | .03 | .03 | - | .13 | .79 | .17 | - | | 3 |
| 4 | .01 | - | - | .04 | - | - | .37 | - | - | .08 | .01 | .65 | | 4 |
| 5 | .05 | - | - | - | - | .03 | .07 | .62 | .13 | .60 | - | .06 | | 5 |
| 6 | .23 | .01 | - | - | - | .05 | .40 | - | .11 | .27 | - | - | | 6 |
| 7 | .32 | .01 | - | - | - | - | .42 | .02 | .07 | .10 | - | - | | 7 |
| 8 | .60 | .03 | - | - | - | - | .42 | .04 | - | .49 | - | .50 | | 8 |
| 9 | .02 | .31 | .15 | - | - | .37 | .07 | 1.70 | - | .02 | - | .10 | | 9 |
| 10 | .08 | .03 | .02 | - | - | .02 | .52 | - | .02 | .30 | - | .20 | | 10 |
| 11 | .20 | .04 | - | - | .09 | .07 | .07 | .10 | .02 | .15 | .09 | .06 | | 11 |
| 12 | .03 | - | - | - | .19 | .01 | - | .05 | .02 | .93 | .58 | .01 | | 12 |
| 13 | - | .01 | - | - | .05 | - | .02 | - | .03 | .04 | .05 | .06 | | 13 |
| 14 | .31 | - | - | - | .19 | .02 | .07 | - | .01 | - | .01 | - | | 14 |
| 15 | .23 | - | .02 | - | .09 | - | .13 | .12 | - | .04 | .02 | .07 | | 15 |
| 16 | .20 | - | .04 | - | .32 | .01 | .08 | .02 | .05 | .10 | .01 | .03 | | 16 |
| 17 | - | - | .01 | - | .19 | - | .07 | .09 | .05 | .82 | - | - | | 17 |
| 18 | .03 | - | - | - | .08 | .02 | - | .32 | - | .24 | .24 | - | | 18 |
| 19 | - | - | - | - | - | - | - | .09 | .02 | - | .02 | - | | 19 |
| 20 | .14 | - | .05 | - | - | - | - | .01 | .06 | - | .23 | - | | 20 |
| 21 | - | - | .04 | - | - | .02 | - | .06 | - | - | .16 | .03 | | 21 |
| 22 | - | - | - | .01 | .07 | .30 | - | - | - | - | .40 | - | | 22 |
| 23 | - | - | - | .02 | .02 | .18 | - | - | .14 | - | .22 | - | | 23 |
| 24 | .22 | .12 | .26 | - | .07 | .02 | - | .67 | .04 | .12 | .18 | - | | 24 |
| 25 | .04 | .12 | .09 | - | .01 | .11 | .08 | .04 | - | .46 | .54 | .10 | | 25 |
| 26 | .20 | .11 | .28 | - | .08 | .35 | - | - | .14 | .44 | .44 | .10 | | 26 |
| 27 | .21 | .08 | - | - | .60 | .09 | .08 | .18 | .01 | - | .32 | - | | 27 |
| 28 | .11 | .03 | .03 | - - | - | .57 | .20 | .03 | .02 | .09 | .02 | .17 | | 28 |
| 29 | .28 | X | .03 | - | 1.04 | .12 | .32 | - | - | .11 | .05 | .40 | | 29 |
| 30 | .09 | ✕ | - | - | .20 | .05 | - | - | .44 | - | .11 | .27 | | 30 |
| 31 | .09 | ✕ | .03 | ✕ | .40 | ✕ | - | - | ✕ | .39 | ✕ | .50 | | 31 |
| | | | | | | | | | | | | | Year's Total | |
| TOTAL | 3.70 | 1.00 | 1.05 | 0.37 | 3.70 | 3.65 | 3.42 | 4.67 | 1.79 | 7.24 | 3.98 | 3.58 | 38.15 | ✓ |
| * Days with .01 in. or more. | 23 | 15 | 13 | 5 | 18 | 22 | 18 | 18 | 20 | 23 | 23 | 19 | 217 | ✓ |
| * Days with .04 in. or more. | 18 | 8 | 7 | 2 | 15 | 13 | 16 | 14 | 12 | 22 | 17 | 16 | 160 | ✓ |

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) ............................

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 2822.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1939

*Kept at* Victoria Park, St. Helens.

*in the County of* Lancaster.

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 5 in.

,, Ground ,, Sea Level 160 ft.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·17 | – | ·01 | ·24 | – | – | ·06 | – | – | – | – | ·02 | | 1 |
| 2 | ·01 | – | ·01 | ·17 | – | – | ·21 | ·45 | ·17 | – | – | ·14 | | 2 |
| 3 | ·02 | – | ·05 | ·23 | – | – | – | ·03 | – | – | ·01 | ·81 | | 3 |
| 4 | ·51 | – | ·15 | ·26 | ·11 | – | ·21 | – | – | ·06 | – | ·92 | | 4 |
| 5 | ·0 | – | ·01 | ·01 | ·20 | – | ·76 | – | – | ·04 | ·44 | – | | 5 |
| 6 | ·95 | – | – | – | ·05 | – | ·33 | ·005 | – | – | ·08 | – | | 6 |
| 7 | ·04 | ·02 | – | – | – | – | ·12 | – | – | – | ·08 | ·56 | | 7 |
| 8 | ·12 | ·24 | ·02 | ·02 | – | – | ·63 | – | – | ·13 | ·32 | ·15 | | 8 |
| 9 | ·06 | ·08 | – | – | – | – | – | ·28 | – | ·42 | – | ·50 | | 9 |
| 10 | ·25 | ·17 | ·05 | – | – | ·10 | – | .18 | ·28 | ·06 | ·01 | ·16 | | 10 |
| 11 | ·33 | ·– | ·25 | – | – | ·25 | – | – | – | ·02 | – | – | | 11 |
| 12 | ·53 | ·05 | – | – | – | ·04 | – | – | ·05 | – | – | – | | 12 |
| 13 | ·02 | ·04 | ·01 | ·28 | ·17 | .20 | ·34 | – | ·35 | ·01 | .02 | – | | 13 |
| 14 | .47 | – | – | ·01 | ·22 | ·45 | ·25 | – | – | – | ·37 | – | | 14 |
| 15 | ·10 | – | ·02 | ·37 | ·01 | ·80 | ·12 | – | – | – | ·08 | – | | 15 |
| 16 | ·03 | ·03 | ·09 | ·02 | ·23 | – | ·11 | – | – | .10 | ·09 | – | | 16 |
| 17 | ·69 | – | – | – | ·22 | ·13 | – | – | – | .52 | ·03 | – | | 17 |
| 18 | ·07 | ·05 | ·04 | – | – | ·15 | ·14 | – | – | – | ·78 | – | | 18 |
| 19 | ·24 | ·17 | – | – | .005 | – | ·47 | – | – | – | – | – | | 19 |
| 20 | .10 | – | ·18 | – | – | ·10 | ·07 | ·12 | – | – | – | – | | 20 |
| 21 | ·07 | – | ·34 | ·03 | – | ·01 | – | ·53 | ·06 | – | – | – | | 21 |
| 22 | ·10 | ·03 | ·12 | ·05 | – | – | ·10 | – | – | ·02 | ·75 | – | | 22 |
| 23 | ·07 | ·26 | ·03 | ·15 | – | .13 | .05 | – | – | ·31 | ·15 | – | | 23 |
| 24 | – | ·43 | – | ·02 | – | ·03 | ·08 | – | – | ·08 | – | – | | 24 |
| 25 | ·05 | ·20 | – | .03 | – | – | – | – | – | ·01 | ·83 | – | | 25 |
| 26 | – | .16 | – | ·02 | – | – | – | ·01 | – | – | ·25 | ·01 | | 26 |
| 27 | – | – | ·01 | – | – | ·27 | ·08 | ·08 | – | – | ·16 | – | | 27 |
| 28 | – | ·09 | ·09 | .02 | – | ·11 | ·55 | – | – | – | ·54 | – | | 28 |
| 29 | – | | | ·03 | – | – | 1·30 | ·02 | – | .05 | ·07 | – | | 29 |
| 30 | – | × | | – | – | ·09 | ·16 | – | – | – | ·04 | – | | 30 |
| 31 | – | × | | × | – | × | ·11 | ·03 | × | – | × | – | | 31 |
| TOTAL | 5·00 | 2·02 | 1·76 | 1·96 | 1·215 | 2·86 | 6.25 | 1·735 | 0·91 | 1·83 | 5.10 | 3·27 | Year's Total<br>33.91 | |
| * Days with .01 in. or more. | 23 | 15 | 15 | 18 | 8 | 15 | 22 | 10 | 5 | 14 | 20 | 9 | 177. | |
| * Days with .04 in. or more. | 19 | 12 | 10 | 8 | 7 | 13 | 22 | 6 | 5 | 10 | 16 | 7 | 135. | |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 2822

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 19~~39~~40

*Kept at* St Helens (Victoria Park)

*in the County of* S. Lancs.

Diameter of Funnel of Gauge..........in.

Height of top of Gauge above Ground.......ft.......in.

" Ground " Sea Level..........ft.

Jan 26-31, Feb 3, 16 & 18 cord for snow.
April 27 & Nov 6 cord f. nearby stns.
Query sent 12-5-41. (Observer agrees)

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

1.78
13

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | - | - | - | .13 | - | - | - | - | - | - | .24 | .04 | | 1 |
| 2 | - | - | - | .20 | - | - | .11 | - | - | - | .36 | .18 | | 2 |
| 3 | - | .22 ~~.02~~ | - | .32 | - | - | .14 | - | .02 | - | .05 | .05 | | 3 |
| 4 | | .05 | - | - | - | - | .04 | - | - | .15 | .19 | .15 | | 4 |
| 5 | - | - | - | - | .22 | - | .04 | - | - | .35 | .10 | .19 | | 5 |
| 6 | .09 | .30 | - | - | - | - | .15 | - | - | .63 | (.09) ~~.9~~ | - | | 6 |
| 7 | .01 | .22 | - | .20 | .01 | - | .33 | .08 | .23 | .04 | - | - | | 7 |
| 8 | - | - | - | .005 | .01 | - | - | .01 | .02 | .14 | - | .26 | | 8 |
| 9 | .01 | - | .28 | - | - | - | .60 | .05 | .09 | .44 | 1.15 | .12 | | 9 |
| 10 | - | - | .04 | - | - | - | .62 | .32 | - | .20 | .22 | .37 | | 10 |
| 11 | - | - | .08 | .03 | - | - | .02 | - | - | - | 1.40 | - | | 11 |
| 12 | - | - | .30 | - | - | .19 | .08 | .17 | .51 | - | .26 | - | | 12 |
| 13 | - | - | .28 | - | - | - | - | .02 | .40 | - | .05 | .02 | | 13 |
| 14 | - | - | .01 | .10 | .18 | - | .02 | .11 | .38 | - | .24 | .15 | | 14 |
| 15 | - | - | - | .02 | .42 | - | - | - | .04 | - | .06 | .03 | | 15 |
| 16 | - | (.20) - | .25 | - | - | - | .23 | - | 1.10 | .36 | .1[illegible] | .09 | | 16 |
| 17 | - | - | .50 | .20 | .42 | - | .04 | - | - | - | .58 | .03 | | 17 |
| 18 | - | (.29) ~~.05~~ | .05 | .22 | - | - | - | .34 | .26 | - | - | .25 | | 18 |
| 19 | - | .21 | .15 | - | - | - | .05 | - | .24 | - | .18 | - | | 19 |
| 20 | - | - | - | .38 | - | - | .15 | .05 | .04 | .42 | .02 | - | | 20 |
| 21 | - | - | .004 | - | - | .41 | - | - | - | - | .73 | - | | 21 |
| 22 | - | - | .08 | - | .21 | .14 | - | .09 | .10 | - | - | - | | 22 |
| 23 | - | .10 | .005 | .13 | .08 | - | .08 | - | .21 | - | .15 | - | | 23 |
| 24 | .35 | - | .005 | - | .02 | - | - | - | - | - | - | - | | 24 |
| 25 | - | - | - | - | .13 | - | .07 | - | - | - | - | - | | 25 |
| 26 | ~~.50~~ ✓ | .25 | - | - | .10 | - | .32 | - | - | - | .03 | - | | 26 |
| 27 | - ✓ | .65 | - | (.09) ~~.9~~ | - | - | .12 | - | .02 | - | .04 | - | | 27 |
| 28 | - ✓ (1.70) | .16 | - | - | .64 | - | - | - | - | - | .02 | .02 | | 28 |
| 29 | - ✓ | - | .29 | .005 | - | .26 | .10 | - | - | - | - | .52 | | 29 |
| 30 | - ✓ | ✕ | - | .20 | - | - | - | - | - | .26 | - | .09 | | 30 |
| 31 | - ✓ | ✕ | .08 | ✕ | .04 | ✕ | - | .05 | ✕ | .83 | ✕ | - | | 31 |
| TOTAL | 2.16 ~~.96~~ | 2.65 ~~2.05~~ | 2.404 | 2.23 ~~3.04~~ | 2.48 | 1.00 | 3.31 | 1.29 | 3.66 | 3.82 | 6.32 ~~7.13~~ | 2.56 | Year's Total ~~42.354~~ | 33.88 |
| * Days with .01 in. or more. | 10 ~~8~~ | 11 ~~10~~ | 13 | 13 | 13 | 4 | 20 | 11 | 15 | 11 | 22 | 17 | ~~154~~ | 160 |
| * Days with .04 in. or more. | 5 ~~3~~ | 11 ~~8~~ | 12 | 11 | 10 | 4 | 18 | 9 | 12 | 11 | 19 | 13 | ~~151~~ | 135 |

† Spare column, no entries required.

(Signed) ..........

P.T.O.

* See Instruction 3 (f) on other side.

2823

Section **A** for the entry

AIR MINIST

FORM 1090.

**REGIS**

Kept at NEWTON-in-M

in the County of LANCAS

Diameter of Funnel of Gauge......

Height of top of Gauge above Gro

,, Ground ,, Sea

**THE MORNING MEAS**

*An observer who does not conform*
*year in the space on the right of*

2823

NEWTON-IN-MAKEFIELD CEMETERY

1931 — 40

7P0 50

COPY FOR OFFICIAL USE.

L ORGANIZATION.

23/2/32

*following*

Jan. 1, following

NIL

| Date | Jan. | Feb. | March | | | | | | | | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | | | | | | | | in. | in. | |
| 1 | | ·35 | ·40 | | | | | 20 | | 15 | | | 1 |
| 2 | ·33 | | | | | | | | | | | | 2 |
| 3 | | | | ·75 | | ·62 | | | ·60 | | | ·35 | 3 |
| 4 | | | | | | ·15 | ·14 | | ·84 | | ·78 | ·10 | 4 |
| 5 | | | | ·33 | | | ·08 | ·25 | ·33 | | | ·24 | 5 |
| 6 | | | | | | ·95 | ·12 | ·97 | | | | | 6 |
| 7 | | ·28 | | | | ·34 | ·11 | | ·16 | ·60 | ·15 | | 7 |
| 8 | | | | | | ·50 | | ·65 | | | | | 8 |
| 9 | | | | ·12 | | | ·14 | ·38 | | | ·20 | | 9 |
| 10 | | ·47 | | ·15 | | ·14 | | ·34 | | | | | 10 |
| 11 | | | | | ·25 | ·40 | | ·15 | ·18 | | ·27 | ·13 | 11 |
| 12 | ·53 | ·35 | | | | | | | ·13 | | ·25 | | 12 |
| 13 | | | | | | | ·28 | | ·15 | ·18 | ·30 | | 13 |
| 14 | | | | | | | | ·40 | | | | | 14 |
| 15 | | ·18 | | | | 1·35 | ·35 | ·85 | ·15 | | ·53 | | 15 |
| 16 | ·22 | ·40 | | ·20 | ·10 | | | ·28 | | | | ·15 | 16 |
| 17 | | | | ·23 | ·25 | | | ·80 | ·20 | | | | 17 |
| 18 | | | | ·18 | ·25 | | ·21 | 20 | | | ·15 | | 18 |
| 19 | ·48 | | | | | ·60 | ·43 | | | | ·68 | | 19 |
| 20 | ·18 | | | | | | | 82 | | | | | 20 |
| 21 | | ·47 | | | | ·23 | | 28 | | | | | 21 |
| 22 | ·44 | | ·13 | | | | | 20 | | | | | 22 |
| 23 | | | | | | | | | | | ·20 | | 23 |
| 24 | ·39 | | | | ·45 | ·20 | | | | | ·27 | ·27 | 24 |
| 25 | | | | ·15 | ·32 | | ·28 | | | | | | 25 |
| 26 | ·40 | ·63 | | ·56 | ·10 | | | | | | | ·13 | 26 |
| 27 | | | | | | | | | | | ·70 | | 27 |
| 28 | ·33 | ·15 | | | ·20 | | ·12 | | | | ·98 | | 28 |
| 29 | ·30 | | | ·20 | ·25 | | | | | | | ·18 | 29 |
| 30 | | × | | | | | | | | ·64 | | | 30 |
| 31 | ·35 | ×<br>·40 | – | ×<br>– | – | ×<br>– | ·20 | – | ×<br>·15 | – | ×<br>– | – | 31 |
| TOTAL | ~~3·60~~<br>3·95 | ~~3·28~~<br>3·33 | ~~0·53~~<br>0·13 | 2·87 | 2·17 | 5·48 | ~~2·26~~<br>2·46 | ~~6·77~~<br>6·57 | ~~2·74~~<br>2·89 | ~~1·57~~<br>1·42 | 5·46 | 1·55 | YEAR'S TOTAL<br>38·28 |
| *Days with ·01 in. or more. | 10 | 9 | 2 | 10 | 9 | 11 | 11 | 15 | 9 | 4 | 13 | 8 | 111 |
| *Days with ·04 in. or more. | 10 | 9 | 2 | 10 | 9 | 11 | 11 | 15 | 9 | 4 | 13 | 8 | |

40-9999

(Signed) T. E. Clough

P.T.O.

*See Instruction 2 (*f*) on other side.

2823

Section **A** for the entry OPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1931.

*Kept at* NEWTON-IN-MAKERFIELD CEMETERY
*in the County of* LANCASTER
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. in.
,, Ground ,, Sea Level 75 ft.

WD ✓

23/2/32

Corr. for WD.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following
NIL

Please read the Notes and Instructions Overleaf.

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in | in. | in. | in. | |
| 1 | | .35 | .40 | | | | | 20 | | 15 | | | 1 |
| 2 | .33 | | | | | | | | | | | | 2 |
| 3 | | | | .75 | | .62 | | | .60 | | | .35 | 3 |
| 4 | | | | | | .15 | .14 | | .84 | | .78 | .10 | 4 |
| 5 | | | | .33 | | | .08 | .25 | .33 | | | .24 | 5 |
| 6 | | | | | | .95 | .12 | .97 | | | | | 6 |
| 7 | | .28 | | | | .34 | .11 | | .16 | .60 | .15 | | 7 |
| 8 | | | | | | .50 | | .65 | | | | | 8 |
| 9 | | | | .12 | | | .14 | .38 | | | .20 | | 9 |
| 10 | | .47 | | .15 | | .14 | | .34 | | | | | 10 |
| 11 | | | | | .25 | .40 | | .15 | .18 | | .27 | .13 | 11 |
| 12 | .53 | .35 | | | | | | | .13 | | .25 | | 12 |
| 13 | | | | | | | .28 | | .15 | .18 | .30 | | 13 |
| 14 | | | | | | | | .40 | | | | | 14 |
| 15 | | .18 | | | | 1.35 | .35 | .85 | .15 | | .53 | | 15 |
| 16 | .22 | .40 | | .20 | .10 | | | .28 | | | | .15 | 16 |
| 17 | | | | .23 | .25 | | | .80 | .20 | | | | 17 |
| 18 | | | | .18 | .25 | | .21 | 20 | | | .15 | | 18 |
| 19 | .48 | | | | | .60 | .43 | | | | .68 | | 19 |
| 20 | .18 | | | | | | | 82 | | | | | 20 |
| 21 | | .47 | | | | .23 | | 28 | | | | | 21 |
| 22 | .44 | | .13 | | | | | 20 | | | | | 22 |
| 23 | | | | | | | | | | | .20 | | 23 |
| 24 | .39 | | | | .45 | .20 | | | | | .27 | .27 | 24 |
| 25 | | | | .15 | .32 | | .28 | | | | | | 25 |
| 26 | 40 | .63 | | .56 | .10 | | | | | | | .13 | 26 |
| 27 | | | | | | | | | | | .70 | | 27 |
| 28 | .33 | .15 | | | .20 | | .12 | | | | .98 | | 28 |
| 29 | 30 | | | 20 | .25 | | | | | | | .18 | 29 |
| 30 | | × | | | | | | | | .64 | | | 30 |
| 31 | .35 | ×<br>.40 | – | ×<br>– | – | ×<br>– | .20 | – | ×<br>.15 | – | ×<br>– | – | 31 |
| TOTAL | ~~3.60~~<br>3.95 | ~~3.28~~<br>3.33 | ~~0.53~~<br>0.13 | 2.87 | 2.17 | 5.48 | ~~2.26~~<br>[illegible].46 | ~~6.77~~<br>6.57 | ~~2.74~~<br>2.89 | ~~1.54~~<br>1.42 | 5.46 | 1.55 | YEAR'S TOTAL<br>38.28 |
| *Days with .01 in. or more. | 10 | 9 | 2 | 10 | 9 | 11 | 11 | 15 | 9 | 4 | 13 | 8 | 111 |
| *Days with .04 in. or more. | 10 | 9 | 2 | 10 | 9 | 11 | 11 | 15 | 9 | 4 | 13 | 8 | |

40-9999

*See Instruction 2 (*f*) on other side.

(Signed) T. E. Clough

P.T.O.

2823

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2823

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1932.

*Kept at* Newton-in-Makerfield Cemetery

*in the County of* Lancaster

Diameter of Funnel of Gauge 1 in.

Height of top of Gauge above Ground ft 6 in.

,, Ground ,, Sea Level 75 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following NIL

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | | | | ·13 | | | ·30 | ·35 | | | | ·45 | 1 |
| 2 | ·24 | | | ·26 | ·33 | | | ·15 | | ·34 | | ·14 | 2 |
| 3 | ·40 | | | | ·40 | | | | ·60 | ·23 | | ·35 | 3 |
| 4 | | | | | | | ·15 | ·08 | | | | | 4 |
| 5 | | | | | | | | | | | ·30 | | 5 |
| 6 | ·95 | | ·25 | | | | | | | | | | 6 |
| 7 | ·95 | | | ·40 | | | | | ·31 | | | | 7 |
| 8 | ·16 | | ·40 | ·1 | | | | | ·56 | | | | 8 |
| 9 | | | | ·16 | | | | | | 1·15 | | | 9 |
| 10 | | | | 23 | ·13 | | | | | | | | 10 |
| 11 | 48 | | | | | | | | ·53 | ·48 | | | 11 |
| 12 | | | | | ·35 | | ·32 | | ·13 | | | | 12 |
| 13 | ·18 | | | | ·22 | | ·25 | | | ·30 | | | 13 |
| 14 | | | | | ·16 | | ·40 | | ·25 | ·55 | | ·40 | 14 |
| 15 | ·17 | | | ·13 | | | ·38 | ·14 | | ·10 | ·20 | | 15 |
| 16 | | | | | ·60 | | | | | | | | 16 |
| 17 | ·17 | | | | | | | | | ·10 | | ·18 | 17 |
| 18 | | | | | | | ·18 | | | ·25 | | | 18 |
| 19 | | | | | | | | | | | | | 19 |
| 20 | | | | | | | | | | ·27 | | | 20 |
| 21 | | | | ·30 | ·47 | | | ·35 | | ·20 | ·27 | | 21 |
| 22 | | | ·25 | | ·53 | | | ·17 | | ·58 | ·15 | | 22 |
| 23 | | | | | | | | | | | ·60 | | 23 |
| 24 | | | | | ·68 | | | | | ·22 | | | 24 |
| 25 | | | | | | | | | ·30 | | ·43 | | 25 |
| 26 | | | | | | | ·54 | | ·22 | 1·00 | | | 26 |
| 27 | | | | | ·30 | | | | ·19 | 38 | ·18 | | 27 |
| 28 | | | ·44 | ·41 | ·25 | | ·15 | | | | | ·20 | 28 |
| 29 | | | | | ·20 | | ·22 | | | | | | 29 |
| 30 | | × | ·54 | ·36 | | | | | | ·83 | ·44 | | 30 |
| 31 | | × | | × | | × | ~~2·89~~ | ·08 | × | ·54 | × | ·34 | 31 |
| TOTAL | 3·70 | NIL | 1·88 | 2·38 | 4·62 | NIL | 2·89 | 1·32 | 3·09 | 7·49 | 2·57 | 2·06 | YEAR'S TOTAL<br>32·00 |
| *Days with ·01 in. or more. | ~~9~~ | ~~-~~ | ~~5~~ | ~~9~~ | ~~13~~ | ~~-~~ | ~~10~~ | ~~7~~ | ~~9~~ | ~~17~~ | ~~8~~ | ~~7~~ | ~~94~~ |
| *Days with .04 in. or more. | ~~9~~ | ~~-~~ | ~~5~~ | ~~9~~ | ~~13~~ | ~~-~~ | ~~10~~ | ~~7~~ | ~~9~~ | ~~17~~ | ~~8~~ | ~~7~~ | ~~96~~ |

40-9999

*See Instruction 2 (*f*) on other side,

(*Signed*) J. E. Clough

P.T.O.

2823

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. ~~2823~~

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1933.

926441/29

906 sent re December. 1/3/34 O.K. agrees 5/3/34

*Kept at* Newton-in-Makerfield Cemetery

*in the County of* Lancaster

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft – in.

,, Ground ,, Sea Level 75 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following: NIL

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | | ·38 | | | | | | | | | ·32 | | | 1 |
| 2 | | ·23 | ·10 | | | | | | | | ·22 | | | 2 |
| 3 | | | 17 | | | | | | | | | | | 3 |
| 4 | ·28 | ·40 | ·15 | | 30 | | | | | | | | | 4 |
| 5 | 30 | | | | | | | | | | | | | 5 |
| 6 | | | ·13 | | ·10 | | | | | | | | | 6 |
| 7 | | ·18 | ·15 | | | | | | | | | | | 7 |
| 8 | ·18 | ·43 | | | ·20 | | ·40 | | | ·48 | | | | 8 |
| 9 | | | ·14 | | | | ·22 | | | | | | | 9 |
| 10 | | ·15 | | | | | ·46 | | | 32 | ·15 | | | 10 |
| 11 | ·20 | | | ·13 | ·13 | ·25 | ·05 | | | 1·12 | | | | 11 |
| 12 | | | | | | | ·62 | | | ·20 | | | | 12 |
| 13 | | ·28 | | | | | ·03 | | | | | | | 13 |
| 14 | | | | | ·13 | | ·27 | | | ·20 | ·25 | | | 14 |
| 15 | | | | | | | | ·40 | | | ·27 | | | 15 |
| 16 | | | | | | | | | | ·38 | ·30 | | | 16 |
| 17 | 25 | | | | | 25 | | | | ·22 | | | | 17 |
| 18 | | | ·73 | | | ·67 | | ·10 | | | | | | 18 |
| 19 | | | ·20 | | | ·55 | | | | | | | | 19 |
| 20 | | | ·24 | | | ·12 | | | ·17 | | ·20 | | | 20 |
| 21 | | ·18 | | | ·30 | | | | | | | | | 21 |
| 22 | | | | | | | | ·70 | | | | | | 22 |
| 23 | | | | | | | | 12 | | | | | | 23 |
| 24 | | | | | | ·13 | | | ·20 | ·19 | | | | 24 |
| 25 | | ·15 | | ·26 | | ·15 | | | ·48 | | | | | 25 |
| 26 | | ·50 | | | | | | | ·13 | | | | | 26 |
| 27 | | ·40 | | ·27 | | | | | | ·34 | | | | 27 |
| 28 | | | | | ·24 | | | | | | | | | 28 |
| 29 | | | | | | ·10 | 13 | ·18 | | | | | | 29 |
| 30 | | × | | | | | | | | | | | | 30 |
| 31 | | × | | × | | × | | | × | ·12 | × | | | 31 |
| TOTAL | 1·21 | 3·28 | 2·01 | 0·66 | 1·40 | 2·22 | 2·18 | 1·50 | 0·98 | 3·57 | 1·71 | (·50) NIL | Year's Total ~~21·22~~ 20·72 | |
| *Days with ·01 in. or more. | ~~5~~ | ~~11~~ | ~~7~~ | ~~3~~ | ~~7~~ | ~~8~~ | ~~8~~ | ~~5~~ | ~~4~~ | ~~10~~ | ~~7~~ | ~~NIL~~ | ~~77~~ | |
| *Days with ·04 in. or more. | 5 | 11 | 9 | 3 | 7 | 8 | 7 | 5 | 4 | 10 | 7 | NIL | 76 | |

40-9999

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) T. E. Clough

[P.T.O.

## COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2823

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1934.

*Kept at* Newton-in-Makerfield Cemetery

*in the County of* Lancaster

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft – in.

,, Ground ,, Sea Level 75 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following: 18

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | | | | | | | | | ·20 | ·15 | ·10 | | | 1 |
| 2 | ·70 | | | | | | | | ·36 | | | ·62 | | 2 |
| 3 | | | ·10 | | | | | ·65 | | | ·58 | ·22 | | 3 |
| 4 | | | | | | | | | | ·22 | | | | 4 |
| 5 | ·29 | | | | ·13 | | | ·12 | | 1·18 | | 1·16 | | 5 |
| 6 | | | ·12 | | | | | ·50 | | ·27 | ·10 | | | 6 |
| 7 | | | | | ·40 | | | | | ·19 | | ·23 | | 7 |
| 8 | ·36 | | ·15 | | | ·15 | | | | | | ·23 | | 8 |
| 9 | | | | | ·10 | | | | | ·15 | ·70 | | | 9 |
| 10 | | | ·15 | | | | | ·10 | | ·08 | ·34 | | | 10 |
| 11 | | | ·22 | ·30 | | | | ·15 | | ·12 | | | | 11 |
| 12 | | | | ·24 | | | | ·12 | | | | | | 12 |
| 13 | | | ·09 | | | | | | | | | ·17 | | 13 |
| 14 | ·21 | | | ·12 | | | | | | | | | | 14 |
| 15 | ·23 | | 12 | | | | | | | ·25 | ·10 | | | 15 |
| 16 | | | ·37 | | ·73 | | | | | | | ·32 | | 16 |
| 17 | ·40 | | | | ·10 | | | | | ·34 | | | | 17 |
| 18 | ·20 | | ·28 | | ·18 | | ·45 | | ·28 | | | ·10 | | 18 |
| 19 | ·25 | | | ·18 | ·30 | ·15 | | | | | | ·10 | | 19 |
| 20 | | | ·25 | | | ·25 | | | ·40 | ·10 | | | | 20 |
| 21 | | | | ·12 | ·26 | | | | | | | | | 21 |
| 22 | | | ·08 | | | ·36 | | | ·30 | | | | | 22 |
| 23 | | | | | | | | ·14 | ·28 | ·18 | | | | 23 |
| 24 | | | ·10 | ·55 | | | ·10 | | | ·10 | | | | 24 |
| 25 | | ·40 | | | | ·14 | | | ·11 | | | | | 25 |
| 26 | | | | ·15 | | | | | ·10 | ·15 | | ·47 | | 26 |
| 27 | ·10 | | | ·10 | | ·01 | | | | | | ·15 | | 27 |
| 28 | | | | | | ·17 | ·33 | | | ·12 | | 14 | | 28 |
| 29 | | | | | | ·27 | | ·66 | ·13 | ·10 | | ·60 | | 29 |
| 30 | | X | | | | | ·13 | ·65 | ·25 | ·85 | | ·08 | | 30 |
| 31 | | X | | X | | X | | ·23 | X | ·23 | X | | | 31 |
| TOTAL | 2·74 | ·40 | 2·03 | 1·76 | 2·20 | 1·50 | 1·01 | 3·32 | 2·41 | 4·78 | 1·92 | 4·59 | Year's Total<br>28·66 | |
| *Days with ·01 in. or more. | 9 | 1 | 12 | 8 | 8 | 8 | 4 | 10 | 10 | 18 | 6 | 14 | 108 | |
| *Days with ·04 in. or more. | 9 | 1 | 12 | 8 | 8 | 7 | 4 | 10 | 10 | 18 | 6 | 14 | 107 | |

40-9999

† Spare column, no entries required.

(*Signed*) T. E. Clough

*See Instruction 2 (*f*) on other side.

[P.T.O.

FORM 1090.

## B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

### RAINFALL IN 193......

At ..............................

In the County of ..............................

Rain Gauge
- Diameter of Funnel .............. in.
- *Height of Top above Ground* .............. *ft* .............. *in.*
- *Height of Ground above Sea Level* .............. *ft.*

| Month. | Total Depth. | Greatest Fall in 24 hours. | | Number of Days with | |
|---|---|---|---|---|---|
| | | | | ·01 in or more | ·04 in. or more |
| | Inches | Inches | Date | * | * |
| JAN. | | | | | |
| FEB. | | | | | |
| MAR. | | | | | |
| APRIL | | | | | |
| MAY | | | | | |
| JUNE | | | | | |
| JULY | | | | | |
| AUG. | | | | | |
| SEPT. | | | | | |
| OCT. | | | | | |
| NOV. | | | | | |
| DEC. | | | | | |
| Total | | | | | |

*Signature* ..............................

*See Instruction 2 (*f*) below.

## C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

(Mr) T.E. CLOUGH 183 CROW LANE WEST
NEWTON-LE-WILLOWS (Lancs)

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station Newton-le-Willows Distance 800 yds Direction from gauge N.E.

Nearest Parish Church at Wargrave Distance 250 yds Direction from gauge W

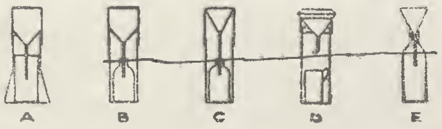
| | | | | |
|---|---|---|---|---|
| Nature of objects nearest to gauge | House | | | |
| Height of objects | 30 ft | | | |
| Distances .. | 56 ft | | | |
| Directions from gauge .. | S | | | |

**If gauge has been moved during the year state—**

Date of move .............................. Distance .................. Direction ..................

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



**If you know of any record of rainfall** not quoted in **British Rainfall,** please give the observer's name and address:—

..............................

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

M.O 7
6 FEB 1936

## D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.* 9 *a.m. Greenwich Mean Time is* 10 *a.m. by the clock during Summer Time Period.*

(*b*) *The rain-guage should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17/18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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(586) Wt.283/202 16,000 5/34. Gp.119/110.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 2823

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1935.

*Kept at* Newton-in-Makerfield Cemetery.

*in the County of* Lancaster

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. in.

,, Ground ,, Sea Level 45 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·40 | ·10 | ·20 | | | | | | ·07 | | | ·25 | | 1 |
| 2 | | | | ·20 | | | | ·40 | ·06 | | ·16 | ·50 | | 2 |
| 3 | | | | ·24 | | ·34 | | ·12 | | | ·10 | ·15 | | 3 |
| 4 | ·20 | | | | | ·22 | ·05 | ·14 | ·40 | | | | | 4 |
| 5 | ·16 | ·12 | ·20 | | | | | | ·52 | | ·22 | ·15 | | 5 |
| 6 | ·08 | | ·12 | | | | | ·34 | | | | ·50 | | 6 |
| 7 | | | | | | | ·13 | ·20 | ·60 | | | | | 7 |
| 8 | | | ·08 | | | | ·13 | | ·53 | | ·17 | ·30 | | 8 |
| 9 | ·15 | | ·28 | | | | | | | | ·37 | | | 9 |
| 10 | ·20 | | | | | | ·13 | | ·35 | | ·26 | | | 10 |
| 11 | | | ·08 | | | | ·38 | | | | ·20 | | | 11 |
| 12 | | | | | | ·10 | ·25 | ·08 | ·12 | | ·42 | | | 12 |
| 13 | | | | | | ·27 | ·27 | | ·50 | ·06 | ·07 | | | 13 |
| 14 | | | | | | | | | | ·23 | | ·43 | | 14 |
| 15 | ·32 | | | ·08 | | ·26 | ·08 | | ·24 | | | ·57 | | 15 |
| 16 | ·23 | | | ·35 | ·25 | | | | | | ·63 | ·08 | | 16 |
| 17 | | | | | | | ·13 | | | | ·66 | | | 17 |
| 18 | ·19 | ·38 | | | | | ·20 | ·27 | | ·14 | | | | 18 |
| 19 | | | | | | | ·26 | | | ·42 | | | | 19 |
| 20 | ·17 | ·12 | | ·38 | | ·13 | | ·30 | | ·05 | | | | 20 |
| 21 | ·36 | | | | | ·31 | | | | | | | | 21 |
| 22 | ·12 | | | | | ·24 | | | | | | | | 22 |
| 23 | ·18 | ·48 | ·06 | | | | ·34 | | | | | ·11 | | 23 |
| 24 | | | | ·08 | | | ·38 | | | | | | | 24 |
| 25 | ·23 | | | | | | | | ·18 | ·52 | | | | 25 |
| 26 | ·23 | | | | | | | | ·30 | ·24 | | | | 26 |
| 27 | | ·18 | ·14 | | | | | | ·20 | ·39 | | | | 27 |
| 28 | ·98 | | | | | | | | | ·52 | | | | 28 |
| 29 | ·22 | ·26 | ·12 | | | | ·15 | | | | | ·09 | | 29 |
| 30 | | ✕ | ·52 | | | ·50 | | | | ·11 | ·19 | | | 30 |
| 31 | ·20 | ✕ | | ✕ | ·10 | ✕ | ·33 | | ✕ | ·35 | ✕ | | d | 31 |
| TOTAL | 4.62 | 1.64 | 1.80 | 1.33 | ·35 | 2.37 | 3.21 | 1.85 | 4.07 | 3.03 | 3.45 | 3.13 | Year's Total 30.85 | ✓ |
| * Days with .01 in. or more. | ~~18~~ | ~~7~~ | ~~10~~ | ~~6~~ | ~~2~~ | ~~9~~ | ~~15~~ | ~~8~~ | ~~13~~ | ~~11~~ | ~~12~~ | ~~11~~ | ~~122~~ | |
| * Days with .04 in. or more. | 18 | 7 | 10 | 6 | 2 | 9 | 15 | 8 | 13 | 11 | 12 | 11 | ~~122~~ | ✓ |

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) T. E. Clough

[P.T.O.

## COPY FOR OFFICIAL USE

**Section** **A** for the entry of Daily Observations

Station No. 2823

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1937

*Kept at* Newton-in-Makerfield Cemetery

*in the County of* Lancaster

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

„ Ground „ Sea Level 75 ft.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following: Nil

**Please read the Notes and Instructions Overleaf**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·23 | ·28 | | | | | ·31 | | | | | | | 1 |
| 2 | | ·27 | ·05 | | | | ·02 | | ·33 | ·10 | | ·47 | | 2 |
| 3 | | ·08 | ·10 | ·13 | | | | | | | | | | 3 |
| 4 | | ·16 | | | ·10 | ·28 | | | | | | | | 4 |
| 5 | | | | ·13 | ·08 | | | | | | | ·45 | | 5 |
| 6 | ·95 | | | | | | | | | | | ·30 | | 6 |
| 7 | | | | | ·16 | | | ·15 | | | | | | 7 |
| 8 | | ·40 | | ·30 | | ·13 | | | | | | | | 8 |
| 9 | | ·30 | | | | ·07 | ·39 | | | | ·09 | | | 9 |
| 10 | | ·10 | | ·07 | ·24 | | ·20 | ·13 | | | | | | 10 |
| 11 | | ·10 | | | | | | | | | | | | 11 |
| 12 | | | ·35 | | ·44 | | ·08 | | | | | | | 12 |
| 13 | ·10 | ·52 | | | | ·60 | | ·40 | ·30 | | | ·27 | | 13 |
| 14 | | ·13 | | | | | | +1·88 | | | | ·38 | x a daily record | 14 |
| 15 | | | | | | | | ·29 | ·05 | | | ·08 | | 15 |
| 16 | ·15 | ·23 | | ·26 | | | ·34 | | ·13 | | | | | 16 |
| 17 | | ·31 | ·25 | ·56 | | | | ·12 | | | | | | 17 |
| 18 | | | ·10 | ·30 | | | | | ·09 | | | | | 18 |
| 19 | ·43 | ·19 | | ·05 | | | | ·11 | | | ·57 | | | 19 |
| 20 | ·10 | ·08 | ·06 | ·20 | | ·07 | ·05 | | | | ·15 | | | 20 |
| 21 | | | | ·25 | ·15 | | ·10 | | | | | ·10 | | 21 |
| 22 | | ·17 | ·08 | ·18 | | | ·25 | | | ·12 | | | | 22 |
| 23 | ·15 | ·05 | ·09 | | | | | | | ·20 | ·18 | ·27 | | 23 |
| 24 | ·08 | | | | ·36 | | ·15 | | | ·62 | ·15 | | | 24 |
| 25 | ·20 | ·34 | | | | | | | ·19 | ·35 | | | | 25 |
| 26 | | ·37 | ·09 | | | | | ·13 | | ·07 | | | | 26 |
| 27 | | ·23 | ·13 | | ·38 | | | | | | | | | 27 |
| 28 | | ·45 | | ·15 | | | | | | ·36 | | | | 28 |
| 29 | | | | | | | | | | ·10 | | ·10 | | 29 |
| 30 | | ✕ | | | | | | | | ·20 | ·20 | | | 30 |
| 31 | ·20 | ✕ | | ✕ | | ✕ | | | ✕ | ·07 | ✕ | | d | 31 |
| TOTAL | 2·59 | 4·76 | 1·30 | 2·58 | 1·91 | 1·15 | 1·89 | 3·21 | 1·09 | 2·19 | 1·34 | 2·42 | Year's Total 26·43 | J |
| * Days with .01 in. or more. | ~~10~~ | ~~20~~ | ~~10~~ | ~~12~~ | ~~8~~ | ~~5~~ | ~~10~~ | ~~8~~ | ~~6~~ | ~~10~~ | ~~6~~ | ~~9~~ | ~~114~~ | |
| * Days with .04 in. or more. | 10 | 20 | 10 | 12 | 8 | 5 | 10 | 8 | 6 | 10 | 6 | 9 | 114 | J |

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) T. E. Clough

[P.T.O.

2823

Entries are made to W.D.

·60 for Dec. 31st?

Low ~~last~~ most months.

c.f. 2820/6
2823/2

Several entries look low.

e.g.: June ~~28~~ 27, 29.

Write

---

COPY FOR OFFICIAL USE

Daily Observations

Station No. 2823

Y.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

# TER OF RAINFALL IN 1938

field Cemetery

.........in.

nd 1 ft. – in.

evel 45 ft.

Adjusted for W.D & est^n for Dec 31st. SB from nearby station!

File No 926441/29

Day

MENT SHOULD BE ENTERED TO THE PREVIOUS DAY

*this rule should insert the reading made on January 1st of the following paragraph.*

se read the Notes and Instructions Overleaf

Jan. 1, following

| | | | | ril | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| | | | | | | ·43 | | | | ·33 | ·38 | ·10 | | 1 |
| | | | | | | ·65 | | ·16 | ·20 | ·07 | | ·22 | | 2 |
| | | | | 32 | | ·26 | | | | ·35 | ·10 | ·08 | | 3 |
| 4 | | | | | | | ·24 | | ·10 | ·65 | ·15 | | | 4 |
| 5 | | | | | | | ·05 | | | ·08 | | ·52 | | 5 |
| 6 | ·08 | | | | | ·08 | ·14 | ·75 | ·12 | ·75 | ·06 | | | 6 |
| 7 | ·15 | | | | | | ·31 | | ·65 | ·19 | | ·07 | | 7 |
| 8 | ·37 | | | | | | ·40 | ·05 | | | | | | 8 |
| 9 | ·48 | | | | | | ·57 | | ·06 | ·57 | | ·39 | | 9 |
| 10 | | ·33 | ·13 | | | ·30 | ·18 | ·75 | | | | ·20 | | 10 |
| 11 | | ·07 | | | | ·10 | ·60 | | | ·15 | | ·18 | | 11 |
| 12 | ·30 | | | | ·10 | ·05 | ·08 | ·44 | | ·13 | | | | 12 |
| 13 | | | | | ·15 | | | | | 1·06 | ·45 | | | 13 |
| 14 | | | | | | | | | | | | ·08 | | 14 |
| 15 | ·22 | | | | ·17 | | ·05 | | | | | | | 15 |
| 16 | ·20 | | | | | | ·20 | ·13 | | ·07 | | ·08 | | 16 |
| 17 | ·19 | | | | ·35 | | ·12 | | | | ·08 | | | 17 |
| 18 | | | | | ·15 | | | ·09 | ·19 | ·55 | | | | 18 |
| 19 | | | | | ·07 | | | ·18 | | ·23 | ·12 | | | 19 |
| 20 | | | | | | | | ·06 | | | | | | 20 |
| 21 | ·13 | | | | | | | | ·10 | | ·34 | | | 21 |
| 22 | | | | | | | | ·10 | | | ·15 | | | 22 |
| 23 | | | | | | ·27 | | | | | ·39 | | | 23 |
| 24 | | | | | | ·19 | | | ·10 | | ·30 | | | 24 |
| 25 | ·20 | ·13 | ·20 | | ·05 | | | ·85 | | | ·20 | | | 25 |
| 26 | | ·18 | ·15 | | | ·08 | ·12 | | | ·58 | ·59 | | | 26 |
| 27 | ·15 | | ·30 | | ·10 | ·06 | | | ·08 | ·37 | ·60 | ·22 | | 27 |
| 28 | ·25 | ·20 | | | ·68 | ·23 | ·08 | ·10 | | | ·30 | | | 28 |
| 29 | ·11 | | | | | ·05 | ·17 | ·07 | ·05 | | | ·14 | | 29 |
| 30 | ·28 | ✕ | ·09 | | 1·60 | ·18 | ·23 | | | ·13 | ·08 | ·40 | | 30 |
| 31 | ·08 ·15 | ✕ | | ✕ | ·43 | ✕ | | | ·33<br>✕ | ·38 | ·10<br>✕ | ·58 | | 31 |
| TOTAL | 3·34<br>~~3·26~~ | ·99 | ·87 | ·32 | 3·85<br>~~3·42~~ | 2·93 | 3·54 | 3·73 | 1·98<br>~~1·65~~ | 6·31<br>~~6·26~~ | 4·01<br>~~4·29~~ | (·60)<br>~~3·26~~<br>3·76 | Year's Total<br>~~35·42~~<br>~~34·52~~ | 35·63 ✓ |
| * Days with .01 in. or more. | 15 | 6 | 5 | 1 | 10 | ~~14~~ | 16 | 13 | 10 | 17 | 16 | 14 | 137 | ✓ |
| * Days with .04 in. or more. | 16 ~~15~~ | 58 | 5 | 1 | 11 ~~10~~ | 13 ~~14~~ | 16 | 13 | 11 ~~10~~ | 17 | 16 | 14 | ~~137~~ | ✓ 138 |

† Spare column, no entries required.

(*Signed*) Y. E. Clough

* See Instruction 3 (f) on other side.

[P.T.O.

Registry of Daily Observations

Station No. 2823

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1938

Kept at Newton-in-Makerfield Cemetery

in the County of Lancaster

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. – in.

,, Ground ,, Sea Level 75 ft.

Adjusted for W.D & corⁿ for Dec 31st from nearby station SB

File No 926441/29

Days

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | | ·08 | | | | ~~·43~~ | | | | ·33 | ·38 | ·10 | | 1 |
| 2 | | | | | | ·65 | | ·16 | ·20 | ·07 | | ·22 | | 2 |
| 3 | | | | ·32 | | ·26 | | | | ·35 | ·10 | ·08 | | 3 |
| 4 | | | | | | | ·24 | | ·10 | ·65 | ·15 | | | 4 |
| 5 | | | | | | | ·05 | | | ·08 | | ·52 | | 5 |
| 6 | ·08 | | | | | ·08 | ·14 | ·75 | ·12 | ·75 | ·06 | | | 6 |
| 7 | ·15 | | | | | | ·31 | | ·65 | ·19 | | ·07 | | 7 |
| 8 | ·37 | | | | | | ·40 | ·05 | | | | | | 8 |
| 9 | ·48 | | | | | | ·57 | | ·06 | ·57 | | ·39 | | 9 |
| 10 | | ·33 | ·13 | | | ·30 | ·18 | ·75 | | | | ·20 | | 10 |
| 11 | | ·07 | | | | ·10 | ·60 | | | ·15 | | ·18 | | 11 |
| 12 | ·30 | | | | ·10 | ·05 | ·08 | ·44 | | ·13 | | | | 12 |
| 13 | | | | | ·15 | | | | | 1·06 | ·45 | | | 13 |
| 14 | | | | | | | | | | | | ·08 | | 14 |
| 15 | ·22 | | | | ·17 | | ·05 | | | | | | | 15 |
| 16 | ·20 | | | | | | ·20 | ·13 | | ·07 | | ·08 | | 16 |
| 17 | ·19 | | | | ·35 | | ·12 | | | | ·08 | | | 17 |
| 18 | | | | | ·15 | | | ·09 | ·19 | ·55 | | | | 18 |
| 19 | | | | | ·07 | | | ·18 | | ·23 | ·12 | | | 19 |
| 20 | | | | | | | | ·06 | | | | | | 20 |
| 21 | ·13 | | | | | | | | ·10 | | ·34 | | | 21 |
| 22 | | | | | | | | ·10 | | | ·15 | | | 22 |
| 23 | | | | | | ·27 | | | | | ·39 | | | 23 |
| 24 | | | | | | ·19 | | | ·10 | | ·30 | | | 24 |
| 25 | ·20 | ·13 | ·20 | | ·05 | | | ·85 | | | ·20 | | | 25 |
| 26 | | ·18 | ·15 | | | ·08 | ·12 | | | ·58 | ·59 | | | 26 |
| 27 | ·15 | | ·30 | | ·10 | ·06 | | | ·08 | ·37 | ·60 | ·22 | | 27 |
| 28 | ·25 | ·20 | | | ·68 | ·23 | ·08 | ·10 | | | ·30 | | | 28 |
| 29 | ·11 | | | | | ·05 | ·17 | ·07 | ·05 | | | ·14 | | 29 |
| 30 | ·28 | ✗ | ·09 | | 1·60 | ·18 | ·23 | | | ·13 | ·08 | ·40 | | 30 |
| 31 | (·08) ·15 | ✗ | | ✗ | ·43 | ✗ | | | ·33<br>✗ | ·38 | ·10<br>✗ | ·58 | | 31 |
| TOTAL | 3·34<br>~~3·26~~ | ·99 | ·87 | ·32 | 3·85<br>~~3·42~~ | 2·93 | 3·54 | 3·73 | 7·98<br>~~7·65~~ | 6·31<br>~~6·26~~ | 4·01<br>~~4·29~~ | (·60)<br>~~3·26~~<br>3·76 | Year's Total<br>~~35·42~~<br>~~34·52~~ | 35·63 ✓ |
| * Days with .01 in. or more. | 15 | 6 | 5 | 1 | 10 | 14 | 16 | 13 | 10 | 17 | 16 | 14 | 137 | ✓ 'd' |
| * Days with .04 in. or more. | 16 ~~15~~ | 5 ~~6~~ | 5 | 1 | 11 ~~10~~ | 13 ~~14~~ | 16 | 13 | 11 ~~10~~ | 17 | 16 | 14 | ~~137~~ | ✓ 138 |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(Signed) Y. E. Clough

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 2823

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1939.

Kept at Newton-le-Willows Cemetery.
in the County of Lancaster
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. — in.
,, Ground ,, Sea Level 47 ft.

Totals ✓

Days ✓

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·38 | — | — | ·25 | — | — | ·05 | — | — | — | — | — | | 1 |
| 2 | — | — | — | ·15 | — | — | ·16 | ·42 | ·08 | — | — | ·33 | | 2 |
| 3 | — | — | — | ·20 | — | — | — | ·06 | ·40 | — | — | ·30 | | 3 |
| 4 | ·50 | — | ·20 | ·20 | — | — | ·20 | — | — | ·20 | — | ·98 | | 4 |
| 5 | — | — | — | — | ·20 | — | ·23 | — | — | — | ·30 | — | | 5 |
| 6 | ·85 | — | — | — | — | — | ·32 | ·05 | — | — | — | — | | 6 |
| 7 | ·23 | ·18 | — | — | — | — | ·10 | — | — | — | ·13 | ·50 | | 7 |
| 8 | — | — | ·31 | — | — | — | ·56 | — | — | — | ·13 | ·18 | | 8 |
| 9 | — | ·24 | — | — | — | — | — | ·38 | — | ·63 | — | ·47 | | 9 |
| 10 | ·28 | — | — | — | — | ·10 | — | ·20 | ·25 | ·13 | ·05 | ·13 | | 10 |
| 11 | ·43 | — | ·20 | — | — | ·58 | — | — | — | — | — | — | | 11 |
| 12 | ·63 | ·10 | — | — | — | ·05 | — | — | — | — | — | — | | 12 |
| 13 | — | — | — | ·34 | ·13 | ·27 | ·25 | — | ·13 | — | — | — | | 13 |
| 14 | ·47 | — | — | — | ·15 | ·40 | ·45 | — | — | — | ·20 | — | | 14 |
| 15 | ·10 | — | — | ·40 | — | ·90 | ·33 | — | — | — | — | — | | 15 |
| 16 | — | — | ·08 | — | ·25 | — | ·06 | — | — | ·20 | ·20 | — | | 16 |
| 17 | ·66 | ·08 | — | — | ·20 | — | — | — | — | ·55 | — | — | | 17 |
| 18 | ·15 | ·20 | — | — | — | ·20 | ·23 | — | — | — | 1·15 | — | | 18 |
| 19 | ·21 | — | — | — | — | — | ·35 | — | — | — | — | — | | 19 |
| 20 | ·10 | — | ·38 | — | — | ·10 | — | — | — | — | — | — | | 20 |
| 21 | ·12 | — | ·42 | — | — | — | ·76 | 1·03 | — | — | — | — | | 21 |
| 22 | — | ·28 | ·18 | ·10 | — | — | ·10 | — | — | — | ·73 | — | | 22 |
| 23 | ·12 | ·40 | — | ·20 | — | — | ·08 | — | — | ·25 | ·25 | — | | 23 |
| 24 | — | ·15 | — | — | — | — | — | — | — | ·10 | — | — | | 24 |
| 25 | — | ·10 | — | ·05 | — | — | — | — | — | — | ·88 | — | | 25 |
| 26 | — | — | — | — | — | — | — | — | — | — | ·22 | — | | 26 |
| 27 | — | 1·38 | — | — | — | ·36 | — | ·06 | — | — | ·23 | — | | 27 |
| 28 | — | ·10 | ·13 | — | — | ·27 | ·42 | — | — | — | ·52 | — | | 28 |
| 29 | — | | — | — | — | — | 1·62 | — | — | ·08 | — | — | | 29 |
| 30 | — | ✕ | — | — | — | ·06 | ·15 | — | — | — | ·15 | — | | 30 |
| 31 | — | ✕ | — | ✕ | — | ✕ | ·20 | — | ✕ | — | ✕ | — | | 31 |
| TOTAL | 5·73 | 2·21 | 2·00 | 1·89 | ·93 | 3·19 | 6·62 | 2·20 | ·86 | 2·14 | 5·14 | 2·89 | Year's Total 35·80 | |
| * Days with .01 in. or more. | 15 | 11 | 8 | 9 | 5 | 11 | 20 | 7 | 4 | 8 | 14 | 7 | 119 | |
| * Days with .04 in. or more. | ~~16~~ 15 | ~~11~~ | ~~8~~ | ~~9~~ | ~~5~~ | ~~11~~ | ~~20~~ | ~~4~~ | ~~4~~ | ~~8~~ | ~~14~~ | ~~4~~ | 119 | |

† Spare column, no entries required.

(*Signed*) Joseph Anderson [P.T.O.

* See Instruction 3 (f) on other side.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 2823

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 19~~3~~40.

Kept at Newton le Willows Cemetery.
in the County of Lancaster
Diameter of Funnel of Gauge Five in.
Height of top of Gauge above Ground — ft. Six in.
„ Ground „ Sea Level Forty seven ft.

~~Days totals Accs.~~

Jan. [illegible] on [illegible]

Jan corr. for B.A. Feb. ests from nearby stns

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following —

**Please read the Notes and Instructions Overleaf**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |  | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † |  |
| 1 |  |  |  | ·18 | ·12 |  | ·05 |  | ·06 |  | ·22 |  |  | 1 |
| 2 |  |  |  | ·23 |  |  | ·10 |  |  |  | ·28 | ·20 |  | 2 |
| 3 |  | x |  | ·28 |  |  | ·13 |  | ·05 |  |  |  |  | 3 |
| 4 |  | x |  |  |  |  |  |  |  | ·20 | ·30 | ·25 |  | 4 |
| 5 |  |  |  |  | ·15 |  | ·10 |  |  | ·40 | ·10 | ·23 |  | 5 |
| 6 | ·20 | x |  |  |  |  | ·07 |  |  | ·50 | ·07 |  |  | 6 |
| 7 |  | x |  | ·15 |  |  | ·30 | ·08 | ·15 |  |  |  |  | 7 |
| 8 |  | (·60) |  |  |  |  |  |  |  | ·16 |  | ·27 |  | 8 |
| 9 |  |  | ·27 |  |  |  | ·58 |  | ·15 | ·28 | *1·33 | ·13 |  | 9 |
| 10 |  |  |  |  |  |  | ·40 | ·32 |  |  | ·25 | ·56 |  | 10 |
| 11 |  |  | ·10 | ·06 |  |  | ·05 |  |  | ·29 | *1·15 |  |  | 11 |
| 12 |  |  | ·35 |  |  |  | ·05 | ·08 | ·52 |  | ·22 |  |  | 12 |
| 13 |  |  | ·23 |  |  |  |  |  | ·33 |  |  |  |  | 13 |
| 14 |  |  |  | ·10 | ·15 |  | *·60 | ·18 | ·48 |  |  | ·18 |  | 14 |
| 15 |  |  |  |  | ·25 |  |  |  | ·04 |  | ·25 | ·12 |  | 15 |
| 16 |  |  | ·35 | ·20 |  |  | ·25 |  | *1·10 | ·43 | ·20 | ·10 |  | 16 |
| 17 |  | ·30 | ·42 | ·13 |  |  |  |  |  |  | ·65 |  |  | 17 |
| 18 |  |  | ·13 |  |  |  |  | ·30 | ·20 |  |  | ·24 |  | 18 |
| 19 |  | ·38 | ·13 |  |  |  | ·13 |  | ·24 |  | ·15 |  |  | 19 |
| 20 |  |  |  | ·24 |  |  | *1·00 | ·10 |  | ·30 |  |  |  | 20 |
| 21 |  |  |  |  |  | ·48 |  |  | ·07 |  | ·80 |  |  | 21 |
| 22 |  |  | ·08 |  | ·26 | ·10 |  | ·06 | ·25 |  |  |  |  | 22 |
| 23 |  | ·14 |  | ·15 | ·08 |  | ·10 |  | ·14 |  | ·18 |  |  | 23 |
| 24 | ·34 | ·10 |  |  |  |  |  |  |  |  |  |  |  | 24 |
| 25 |  | ·10 |  |  | ·17 |  |  |  |  |  |  |  |  | 25 |
| 26 | 1·6~~0~~4 |  |  |  |  |  | ·30 |  |  |  |  |  |  | 26 |
| 27 | 4<br>~~·43~~ | ·50 |  |  |  |  | ·25 |  |  |  | ·08 |  |  | 27 |
| 28 | 4 | ·18 |  |  | ·15 |  |  |  |  |  |  |  |  | 28 |
| 29 | 173 |  | ·40 | ·06 |  | ·10 |  |  |  |  |  | ·50 |  | 29 |
| 30 | ✓ | ✕ |  |  |  | ·10 |  |  |  | ·25 |  | ·10 |  | 30 |
| 31 | ✓ | ✕ |  | ✕ |  | ✕ |  |  | ✕ | ·75 | ✕ |  |  | 31 |
| TOTAL | 2<br>~~3~~·27 | 2·30<br>~~1·70~~ | 2·46 | 1·78 | 1·33 | ·78 | 4·46 | 1·12 | 2·78 | 3·56 | 6·23 | 2·88 | Year's Total<br>~~32·04~~ | 31·95 |
| * Days with .01 in. or more. | ~~4~~8 | 11 | 10 | 11 | 8 | 4 | 17 | 7 | 14 | 10 | 16 | 12 | ~~124~~ | 128 |
| * Days with .04 in. or more. | ~~4~~5 | 11 ~~7~~ | 10 | 11 | 8 | 4 | 17 | 7 | 14 | 10 | 16 | 12 | ~~124~~ | 128 |

† Spare column, no entries required.

(*Signed*) Joseph Anderson [P.T.O.

* See Instruction 3 (f) on other side.

2823/1

KENYON. NEW CHURCH HOMES
1938 — 40

780501

---

Section **A** for the entry o

Form.

ation No. 2823/1

AIR MINIST

L ORGANIZATION

FORM 1090 Kenyon **REGI**

3.

Kept at L. Newchurch

t 1·5" add from nearby station

in the County of ....... Lanc

Diameter of Funnel of Gauge.....

See previous

Height of top of Gauge above G

315/36

,, Ground ,, S

bove Mean Sea Level.

THE MORNING MEASU

DAY

*An observer who does not conform*

*year in the space on the right of*

P

*following*

Jan. 1, following

| Date | Jan. | Feb. | Mar. | | | | | | | | | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | | | | | | | | | | | ·01 | ·23 | | 1 |
| 2 | | | | | | | | | | | ·01 | ·35 | | 2 |
| 3 | | | | | | | | | | 2·20 | ·09 | ·15 | | 3 |
| 4 | | | | | | | | | | | ·16 | ·25 | | 4 |
| 5 | | | | | | | | | | | ·02 | ·06 | | 5 |
| 6 | | | | | | | | | | ·19 | | ·10 | | 6 |
| 7 | | | | | | | | | | ·11 | | | | 7 |
| 8 | | | | | | | | | | ·61 | | ·30 | | 8 |
| 9 | | | | | | | | | | Tr. | | ·15 | | 9 |
| 10 | | | | | | | | | | ·20 | | ·20 | | 10 |
| 11 | | | | | | | | | | ·11 | ·08 | ·10 | | 11 |
| 12 | | | | | | | | | | 1·06 | ·40 | | | 12 |
| 13 | | | | | | | | | | ·07 | ·20 | ·10 | | 13 |
| 14 | | | | | | | | | | — | | | | 14 |
| 15 | | | | | | | | | | ·09 | ·01 | ·10 | | 15 |
| 16 | | | | | | | | | | Tr. | ·08 | ·06 | | 16 |
| 17 | | | | | | | | | | ·30 | ·01 | | | 17 |
| 18 | | | | | | | | | | ·30 | ·16 | | | 18 |
| 19 | | | | | | | | | | — | | | | 19 |
| 20 | | | | | | | | | | — | ·34 | | | 20 |
| 21 | | | | | | | | | | — | ·13 | | | 21 |
| 22 | | | | | | | | | | — | ·40 | ·05 | | 22 |
| 23 | | | | | | | | | | Tr. | ·35 | ·05 | | 23 |
| 24 | | | | | | | | | | ·02 | ·10 | ·10 | | 24 |
| 25 | | | | | | | | | | 1·10 | ·70 | | | 25 |
| 26 | | | | | | | | | | ·40 | ·90 | | | 26 |
| 27 | | | | | | | | | | — | ·33 | ·15 | | 27 |
| 28 | | | | | | | | | | ·05 | | ·10 | | 28 |
| 29 | | | | | | | | | | ·07 | ·08 | ·35 | | 29 |
| 30 | | ✕ | | | | | | | | — | ·11 | ·50 | | 30 |
| 31 | | ✕ | | ✕ | | ✕ | | | ✕ | ·45 | ✕ | ·85 | | 31 |
| TOTAL | | | | | | | | | | (7·33)<br>~~5·15~~ | 4·67 | 4·30 | Year's Total | not complete SB 18/4/38 |
| * Days with .01 in. or more. | | | | | | | | | | for a portion of | | 21 | | |
| * Days with .04 in. or more. | | | | | | | | | | the month | | 21 | | |

LANCASHIRE COUNTY COUNCIL

N

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(Signed) ........................................................ [P.T.O.

Section **A** for the entry of ation No. 2823/1

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090 Kenyon

# REGISTER OF RAINFALL IN 1938.

*Kept at* L (Newchurch Homes)
*in the County of* Lancaster
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
,, Ground ,, Sea Level 97 ft.

Oct 1-5th estd from nearby station

Gauge fixed on 5th October. See previous letter for location and level of gauge above Mean Sea Level.

f 57 10 13/36

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | | | | | | | | | | | ·01 | ·23 | | 1 |
| 2 | | | | | | | | | | | ·01 | ·35 | | 2 |
| 3 | | | | | | | | | | 2·20 | ·09 | ·15 | | 3 |
| 4 | | | | | | | | | | | ·16 | ·25 | | 4 |
| 5 | | | | | | | | | | | ·02 | ·06 | | 5 |
| 6 | | | | | | | | | | ·19 | | ·10 | | 6 |
| 7 | | | | | | | | | | ·11 | | | | 7 |
| 8 | | | | | | | | | | ·61 | | ·30 | | 8 |
| 9 | | | | | | | | | | Tr. | | ·15 | | 9 |
| 10 | | | | | | | | | | ·20 | | ·20 | | 10 |
| 11 | | | | | | | | | | ·11 | ·08 | ·10 | | 11 |
| 12 | | | | | | | | | | 1·06 | ·40 | | | 12 |
| 13 | | | | | | | | | | ·07 | ·20 | ·10 | | 13 |
| 14 | | | | | | | | | | — | | | | 14 |
| 15 | | | | | | | | | | ·09 | ·01 | ·10 | | 15 |
| 16 | | | | | | | | | | Tr. | ·08 | ·06 | | 16 |
| 17 | | | | | | | | | | ·30 | ·01 | | | 17 |
| 18 | | | | | | | | | | ·30 | ·16 | | | 18 |
| 19 | | | | | | | | | | — | | | | 19 |
| 20 | | | | | | | | | | — | ·34 | | | 20 |
| 21 | | | | | | | | | | — | ·13 | | | 21 |
| 22 | | | | | | | | | | — | ·40 | ·05 | | 22 |
| 23 | | | | | | | | | | Tr. | ·35 | ·05 | | 23 |
| 24 | | | | | | | | | | ·02 | ·10 | ·10 | | 24 |
| 25 | | | | | | | | | | 1·10 | ·70 | | | 25 |
| 26 | | | | | | | | | | ·40 | ·90 | | | 26 |
| 27 | | | | | | | | | | — | ·33 | ·15 | | 27 |
| 28 | | | | | | | | | | ·05 | | ·10 | | 28 |
| 29 | | | | | | | | | | ·07 | ·08 | ·35 | | 29 |
| 30 | | ✕ | | | | | | | | — | ·11 | ·50 | | 30 |
| 31 | | ✕ | | ✕ | | ✕ | | | ✕ | ·45 | ✕ | ·85 | | 31 |
| TOTAL | | | | | | | | | | (7·33)<br>~~5·13~~ | 4·67 | 4·30 | Year's Total | |
| * Days with .01 in. or more. | | | | | | | | | | for a portion of | | 21 | | |
| * Days with .04 in. or more. | | | | | | | | | | the month | | 21 | | |

wp incomplete
18/1/39

LANCASHIRE COUNTY COUNCIL

N

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) ……………………

[P.T.O.

KENYON (NEWCHURCH HOMES) COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 2823/1

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1939

Kept at Kenyon, Newchurch Homes

in the County of Lancashire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" Ground " Sea Level 97 ft.

Queries sent on June [illegible] 12/7/39

Obsr. agrees to correction, see file 19.7.39.

Entry on 29th Dec estd for nonfall by refce to nearby stns.

[illegible] 1938

Letter written [illegible] 7/1/40 [illegible]

Nov 5th amended by reference to nearby stns to agree monthly total

5790/3/26

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·52 | | Tr. | ·45 | | | | ·05 | | | | | | 1 |
| 2 | ·35 | | | ·20 | | | ·24 | ·30 | | | ·02 | ·07 | / | 2 |
| 3 | ·45 | | | ·37 | | | | ·07 | ·60 | | ·02 | ·26 | / | 3 |
| 4 | - | | Tr. | ·04 | | | ·18 | | | | ·10 | ·50 | / | 4 |
| 5 | - | | ·20 | ·03 | | | ·32 | ·09 | | ·22 | ~~3·32~~ ·32 | 1·08 | / | 5 |
| 6 | ·95 | | ·03 | — | | | ·38 | ·01 | | | ·06 | ·01 | / | 6 |
| 7 | ·37 | ·20 | Tr. | – | | | ·27 | ·01 | | | ·14 | · | / | 7 |
| 8 | ·20 | ·08 | ·09 | – | | | ·50 | ·14 | | | ·15 | ·60 | / | 8 |
| 9 | ·30 | ·27 | ·21 | – | | | | ·40 | ·05 | ·18 | ·005 | ·17 | / | 9 |
| 10 | ·05 | | | – | | | | ·37 | ·11 | ·34 | ·05 | ·47 | / | 10 |
| 11 | ·35 | | ·20 | – | | ~~1·05~~ (·50) | | | | ·10 | | | | 11 |
| 12 | ·50 | ·10 | | – | | x (·15) | | | | | | | | 12 |
| 13 | ·10 | Tr. | Tr. | x | | ·30 | ·10 | | ·03 | | | | | 13 |
| 14 | ·30 | | | 1·15 | | ·42 | ·50 | | | | ·20 | | | 14 |
| 15 | ·20 | | | x | | ·03 | ·05 | | | | ·07 | | | 15 |
| 16 | ·01 | Tr. | Tr. | – | | ·13 | ·03 | | | | ·13 | | | 16 |
| 17 | ·85 | ·15 | | – | | ·34 | ·01 | | | ·30 | ·05 | | | 17 |
| 18 | ·10 | ·20 | ·07 | – | | ·21 | x | – | | ·53 | 1·0 | | | 18 |
| 19 | ·20 | | | – | | ·14 | x | – | | | ·20 | | | 19 |
| 20 | ·15 | | ·17 | – | | ·65 | x | – | | | | | | 20 |
| 21 | ·01 | ·04 | ·15 | x | | | 1·40 | ·69 | | | | | | 21 |
| 22 | ·12 | ·30 | ·55 | x | | ·01 | x | – | ·01 | ·02 | x | | | 22 |
| 23 | ·03 | ·20 | ·04 | – | | ·04 | – | – | | | x | – | | 23 |
| 24 | | | | x | | ·01 | – | – | | ·16 | – | – | | 24 |
| 25 | | ·45 | | x | | | ·03 | | | ·05 | x | – | | 25 |
| 26 | ·08 | | | — | | | ·05 | | | ·005 | 3·0 | ✓ | | 26 |
| 27 | | 1·50 | | ·06 | | ·33 | ·02 | ·21 | | | x | – | | 27 |
| 28 | | ·10 | ·12 | – | | ·04 | ·42 | | | ·03 | x | ·005 | | 28 |
| 29 | | | | ·05 | | | 1·45 | | | ·04 | x | (·10) | | 29 |
| 30 | | | | ·13 | | ·02 | ·14 | | | · | x | – | | 30 |
| 31 | | | | | | | ·19 | | | · | | – | | 31 |
| TOTAL | 6·19 | 3·59 | 1·83 | 2·48 | (1·30) | ~~4·87~~ (3·32) | 6·28 | 2·34 | ·80 | 1·975 | 5·515 | 3·X65 3·25 | Year's Total (38·88) | Pivot WH |
| * Days with .01 in. or more. | 22 | 12 | 11 | 14 | (12) | 16 | 23 | 11 | 5 | 11 | 21 | 10 | 168 | |
| * Days with .04 in. or more. | 19 | 12 | 10 | 13 | (9) | 12 | 19 | 9 | 3 | 9 | 19 | 8 | 142 | |

THE CLERK AND STEWARD.

† Spare column, no entries required.

(Signed) ..................................

*See Instruction 3 (f) on other side.

[P.T.O.

COPY FOR OFFICIAL USE

**Section** A for the entry of Daily Observations

Station No. 2823/1

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 19~~3~~40.

January, February & March amended by ref. to nearby stns.
Oct–Dec amended fr. nearby stns.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

ABcs.

*Kept at* Kenyon, Newchurch Homes
*in the County of* Lancashire
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
,, Ground ,, Sea Level 97 ft.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | | 4 | ·05 | ·10 | TRACE | | (~~·33~~) | | | | ·34 | 4 | | 1 |
| 2 | | | | ·23 | | | ·06 | | | | ·48 | 4 | | 2 |
| 3 | | 4 (·20) | ~~·005~~ | ·29 | | | ·07 | | ·06 | 4 | (·02) ~~·32~~ | 4 ·13 | | 3 |
| 4 | | 4 | TRACE | ·01 | – | | ·06 | | | 4 | ·26 | 4 ·49 | | 4 |
| 5 | ~~·005~~ | ✓ | | | x ·20 | | ·19 | | | (1·20) 4 | ·07 | ·31 | | 5 |
| 6 | ·15 | 4 (·30) | | – | | | 4 | TR. | | 4 ~~·10~~ | ·03 | ·01 | | 6 |
| 7 | ·02 | (·15) | ·01 ~~·005~~ | x ·16 | ·03 | | x ·19 | ·13 | | (·02) ~~·26~~ | ·02 | ·30 ~~·03~~ | | 7 |
| 8 | | | TRACE | ·09 | | | ·22 | ·11 | ·05 | (·16) ~~·46~~ | ·13 | x | | 8 |
| 9 | | | (·25) | | | | ·83 | ·09 | | ·34 | (1·24) | ·16 | | 9 |
| 10 | | | | ·08 | | | ·03 | x | | (·17) | ·43 | (·35) | | 10 |
| 11 | | | 4 | | | ·21 | ·05 | ·11 | | | 1·21 | | | 11 |
| 12 | | | (·40) | | | | | ·07 | ·30 | ~~·11~~ | ·36 | | | 12 |
| 13 | | | 4 (·30) | ✓ ·20 | | | x | ·14 | ·50 | | | ·06 | | 13 |
| 14 | | | 4 | x | ·14 | | 4 ·21 | | x | TRACE. | 4 | 4 | | 14 |
| 15 | ·02 | | | ·20 | ·61 | | ·05 | ·31 | x ·74 | ~~·13~~ | 4 | ·17 | | 15 |
| 16 | | 4 | (·20) | | TRACE | | ·02 | ·06 | ·48 | ·42 | | ·03 | | 16 |
| 17 | | 4 ·20 | (·70) | ·11 | ·02 | | ·01 | | ·23 | | 4 | ·19 | | 17 |
| 18 | ·07 | (·20) | (·10) | ·19 | | | ·09 | ·31 | ·06 | | ✓ | ·05 | | 18 |
| 19 | | (·30) | ·13 | ·04 | | | ·08 | TRACE | ·20 | ✓ | 4 (1·80) | ·03 | | 19 |
| 20 | | | ·05 | x | | | x 1·10 | x ·14 | ·24 | 4 ·37 | 4 | ·01 | | 20 |
| 21 | | ·03 | ·03 | ·19 | | ·50 | 4 | ✓ | ·02 | ·01 | 4 | | | 21 |
| 22 | | ·03 | ·03 | TRACE | ·26 | ·06 | TRACE | ·09 | ·33 | | | | | 22 |
| 23 | | ·13 | | ·13 | ·09 | | ·11 | ·04 | ·14 | | 4 | | | 23 |
| 24 | ·33 | | 4 | TRACE. | ·13 | TRACE | | TRACE | TRACE. | | | | | 24 |
| 25 | — | ·01 | | | ·10 | ·04 | TRACE | | | | | | | 25 |
| 26 | 1·11 | ·13 | ·09 | | | | ·22 | ·08 | | | ·03 | | | 26 |
| 27 | x | ·45 | | x | TRACE | | x | | | | ·05 ~~·25~~ | | | 27 |
| 28 | x | ·25 | | ·25 | ·01 | | ·11 | | | | | ✓ | | 28 |
| 29 | – | TRACE | ·25 | ·02 | | (·33) | ·07 | | | ✓ | | 4 ·50 | | 29 |
| 30 | ✓ | ✕ | | | | | | | | 4 (·90) | | (·20) 4 | | 30 |
| 31 | (·60) | ✕ | ·13 | ✕ | | ✕ | | | ✕ | 4 | ✕ | ✓ | | 31 |
| TOTAL | (2·30) | (2·38) ~~1·23~~ | (2·72) ~~·77~~ | 2·29 | 1·59 | 1·14 ~~·81~~ | 3·77 ~~4·20~~ ~~4·20~~ | 1·68 | 3·35 | (3·59) ~~2·26~~ | 6·47 ~~4·17~~ | 2·99 ~~2·17~~ | Year's Total ~~29·81~~ (34·27) | |
| * Days with .01 in. or more. | 9 | ~~11~~ 17 | ~~15~~ 18 | 17 ~~16~~ | 10 | ~~4~~ 5 | 23 ~~21~~ | ~~13~~ 14 | ~~13~~ 14 | 9 | 24 | 20 ~~16~~ | 180 | |
| * Days with .04 in. or more. | 6 | ~~11~~ 13 | ~~12~~ 14 | 14 | 7 | ~~4~~ 5 | 20 ~~19~~ | 13 | ~~12~~ 13 | 8 | 19 | 14 ~~10~~ | 146 | |

NO READINGS TAKEN OWING TO SICKNESS AMONG STAFF.

Readings not checked during this period due to illness of clerk.

III

[illegible] WH

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) ..........................................

[P.T.O.

LOWTON (NEWT

**Section** A **for the entry of D**
AIR MINISTRY.

FORM 1090.

# REGIST

*Kept at* 258 NEWTON R

*in the County of* LANCAS

Diameter of Funnel of Gauge 5

Height of top of Gauge above Ground

,, Ground ,, Sea Lev

**THE MORNING MEASUR**

*An observer who does not conform to th*
*year in the space on the right of this*

P

2823/2

LOWTON, NEWTON ROAD
1936 — 40

780501

OR OFFICIAL USE.
RGANIZATION.

2823/2

Corrected for
W.D and B.A.

ving

Jan. 1, following
0.22

| Date | Jan. | Feb. | March | A | | | | | | | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | 0.11 | 0.10 | 0.25 | 0.06 | — | 0.06 | — | — | 0.02 | — | 0.02 | 0.38 | 1 |
| 2 | 0.20 | 0.07 | — | 0.19 | — | — | — | 0.42 | — | — | 0.18 | 0.44 | 2 |
| 3 | — | — | — | 0.15 | — | 0.31 | — | — | 0.56 | — | 0.10 | 0.13 | 3 |
| 4 | 0.55 | — | — | — | — | 0.16 | 0.08 | 0.15 | — | — | — | — | 4 |
| 5 | — | 0.20 | 0.21 | — | — | — | 0.05 | — | 0.77 | — | 0.24 | 0.20 | 5 |
| 6 | 0.26 | 0.18 | 0.17 | — | 0.02 | — | — | 0.55 | 0.07 | — | — | 0.50 | 6 |
| 7 | — | — | 0.02 | — | — | — | 0.11 | 0.06 | 0.65 | — | 0.05 | — | 7 |
| 8 | 0.14 | — | 0.05 | — | — | — | 0.05 | — | 0.85 | — | 0.13 | 0.41 | 8 |
| 9 | — | — | 0.27 | — | — | — | — | — | 0.05 | — | 0.49 | — | 9 |
| 10 | 0.25 | — | — | — | — | 0.03 | 0.16 | — | 0.37 | — | 0.22 | 0.03 | 10 |
| 11 | — | — | — | — | — | — | 0.55 | — | — | — | 0.35 | — | 11 |
| 12 | — | — | — | — | 0.05 | 0.12 | 0.28 | 0.07 | 0.15 | — | 0.50 | — | 12 |
| 13 | — | — | 0.02 | — | — | 0.44 | 0.32 | — | 0.44 | — | 0.04 | — | 13 |
| 14 | — | — | — | — | 0.01 | — | 0.05 | — | 0.38 | 0.30 | — | 0.75 | 14 |
| 15 | — | — | — | 0.08 | — | 0.26 | — | 0.13 | 0.19 | 0.05 | 0.32 | 0.23 | 15 |
| 16 | — | — | — | 0.23 | 0.23 | 0.06 | — | — | 0.03 | — | 0.36 | 0.08 | 16 |
| 17 | — | 0.09 | 0.06 | — | — | — | 0.12 | — | — | — | 0.68 | 0.07 | 17 |
| 18 | 0.43 | 0.36 | — | — | 0.05 | — | 0.15 | 0.64 | — | 0.24 | 0.04 | 0.03 | 18 |
| 19 | — | 0.15 | — | 0.03 | — | 0.04 | 0.35 | — | — | 0.56 | — | — | 19 |
| 20 | 0.25 | — | — | 0.23 | — | 0.15 | 0.09 | — | — | — | — | — | 20 |
| 21 | 0.61 | 0.07 | 0.03 | — | — | 0.22 | — | — | — | 0.04 | — | — | 21 |
| 22 | 0.27 | — | — | 0.07 | — | 0.05 | — | — | — | 0.02 | — | 0.07 | 22 |
| 23 | 0.07 | 0.45 | 0.05 | — | — | 0.48 | 0.76 | — | — | — | — | — | 23 |
| 24 | — | 0.02 | 0.06 | 0.10 | — | — | — | — | — | 0.05 | 0.03 | — | 24 |
| 25 | 0.18 | — | — | 0.03 | 0.04 | — | — | — | 0.14 | 0.50 | — | — | 25 |
| 26 | 0.22 | — | 0.02 | — | — | — | 0.06 | — | 0.30 | 0.36 | — | 0.06 | 26 |
| 27 | 0.20 | 0.16 | 0.05 | 0.01 | — | — | 0.02 | — | 0.25 | 0.40 | — | — | 27 |
| 28 | 0.90 | 0.18 | — | — | — | — | — | — | — | 0.70 | — | — | 28 |
| 29 | 0.15 | — | 0.16 | — | — | 0.07 | 0.11 | — | — | 0.12 | 0.04 | 0.09 | 29 |
| 30 | 0.08 | ✕ | 0.51 | — | 0.10 | 0.59 | 0.41 | — | — | 0.03 | 0.24 | 0.05 | 30 |
| 31 | 0.18 | ✕<br>·25 | —<br>·06 | ✕ | —<br>·06 | ✕ | — | 0.03 | ✕ | 0.38 | ✕<br>·38 | —<br>·22 | 31 |
| TOTAL | ·10<br>4.84<br>~~5.15~~ | 2.18<br>~~2.03~~ | 1.74<br>~~1.93~~ | 1.12<br>~~1.18~~ | ·56<br>~~0.50~~ | 2.98<br>~~3.04~~ | 3.72<br>~~3.77~~ | 2.07 ·02<br>~~2.05~~ | 5.20<br>~~5.22~~ | 3.77 ·02<br>3.81 | 4.39<br>~~4.03~~ | 3.36<br>~~3.52~~ | YEAR'S TOTAL<br>35.93<br>~~36.23~~ |
| *Days with ·01 in. or more. | | ~~1~~ | ~~4~~ | ~~3~~ | ~~2~~ | ~~1~~ | ~~1~~ | ~~1~~ | ~~2~~ | ~~2~~ | ~~2~~ | ~~2~~ | ~~21~~ |
| *Days with ·04 in. or more. | ~~18~~ 17 | 11 ✓ | 11 ✓ | 8 7 | 5 6 | ~~14~~ 13 | ~~18~~ 17 | 7 ✓ | 14 ✓ | ~~13~~ 12 | ~~16~~ 17 | 14 ✓ | ~~149~~<br>146 |

40-9999

*See Instruction 2 (*f*) on other side G.H. COE ESQ.

(*Signed*) George Hy Coe [P.T.O.

LOWTON (NEWT

**Section** **A** for the entry of D

OR OFFICIAL USE. 2823/2

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1936.

WITH
RECEIV
T 9
INITIALS IF ACK
RELEVANT FILE & LATEST TRANSIT
FILE No.
TO ON
4 JAN 1937

Corrected for W.D and B.A.

*Kept at* 258 NEWTON Rd. LOWTON

*in the County of* LANCASHIRE /2

Diameter of Funnel of Gauge 5" in.

Height of top of Gauge above Ground 2 ft — in.

,, Ground ,, Sea Level 121 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following 0·22

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | 0·11 | 0·10 | 0·25 | 0·06 | — | 0·06 | — | — | 0·02 | — | 0·02 | 0·38 | 1 |
| 2 | 0·20 | 0·07 | — | 0·19 | — | — | — | 0·42 | — | — | 0·18 | 0·44 | 2 |
| 3 | — | — | — | 0·15 | — | 0·31 | — | — | 0·56 | — | 0·10 | 0·13 | 3 |
| 4 | 0·55 | — | — | — | — | 0·16 | 0·08 | 0·15 | — | — | — | — | 4 |
| 5 | — | 0·20 | 0·21 | — | — | — | 0·05 | — | 0·77 | — | 0·24 | 0·20 | 5 |
| 6 | 0·26 | 0·18 | 0·17 | — | 0·02 | — | — | 0·55 | 0·07 | — | — | 0·50 | 6 |
| 7 | — | — | 0·02 | — | — | — | 0·11 | 0·06 | 0·65 | — | 0·05 | — | 7 |
| 8 | 0·14 | — | 0·05 | — | — | — | 0·05 | — | 0·85 | — | 0·13 | 0·41 | 8 |
| 9 | — | — | 0·27 | — | — | — | — | — | 0·05 | — | 0·49 | — | 9 |
| 10 | 0·25 | — | — | — | — | 0·03 | 0·16 | — | 0·37 | — | 0·22 | 0·03 | 10 |
| 11 | — | — | — | — | — | — | 0·55 | — | — | — | 0·35 | — | 11 |
| 12 | — | — | — | — | 0·05 | 0·12 | 0·28 | 0·07 | 0·15 | — | 0·50 | — | 12 |
| 13 | — | — | 0·02 | — | — | 0·44 | 0·32 | — | 0·44 | — | 0·04 | — | 13 |
| 14 | — | — | — | — | 0·01 | — | 0·05 | — | 0·38 | 0·30 | — | 0·75 | 14 |
| 15 | — | — | — | 0·08 | — | 0·26 | — | 0·13 | 0·19 | 0·05 | 0·32 | 0·23 | 15 |
| 16 | — | — | — | 0·23 | 0·23 | 0·06 | — | — | 0·03 | — | 0·36 | 0·08 | 16 |
| 17 | — | 0·09 | 0·06 | — | — | — | 0·12 | — | — | — | 0·68 | 0·07 | 17 |
| 18 | 0·43 | 0·36 | — | — | 0·05 | — | 0·15 | 0·64 | — | 0·24 | 0·04 | 0·03 | 18 |
| 19 | — | 0·15 | — | 0·03 | — | 0·04 | 0·35 | — | — | 0·56 | — | — | 19 |
| 20 | 0·25 | — | — | 0·23 | — | 0·15 | 0·09 | — | — | — | — | — | 20 |
| 21 | 0·61 | 0·07 | 0·03 | — | — | 0·22 | — | — | — | 0·04 | — | — | 21 |
| 22 | 0·27 | — | — | 0·07 | — | 0·05 | — | — | — | 0·02 | — | 0·07 | 22 |
| 23 | 0·07 | 0·45 | 0·05 | — | — | 0·48 | 0·76 | — | — | — | — | — | 23 |
| 24 | — | 0·02 | 0·06 | 0·10 | — | — | — | — | — | 0·05 | 0·03 | — | 24 |
| 25 | 0·18 | — | — | 0·03 | 0·04 | — | — | — | 0·14 | 0·50 | — | — | 25 |
| 26 | 0·22 | — | 0·02 | — | — | — | 0·06 | — | 0·30 | 0·36 | — | 0·06 | 26 |
| 27 | 0·20 | 0·16 | 0·05 | 0·01 | — | — | 0·02 | — | 0·25 | 0·40 | — | — | 27 |
| 28 | 0·90 | 0·18 | — | — | — | — | — | — | — | 0·70 | — | — | 28 |
| 29 | 0·15 | — | 0·16 | — | — | 0·07 | 0·11 | — | — | 0·12 | 0·04 | 0·09 | 29 |
| 30 | 0·08 | ✕ | 0·51 | — | 0·10 | 0·59 | 0·41 | — | — | 0·03 | 0·24 | 0·05 | 30 |
| 31 | 0·18 | ✕ ·25 | — ·06 | ✕ | — ·06 | ✕ – | — – | 0·03 | ✕ – | 0·38 | ✕ ·38 | — ·22 | 31 |
| TOTAL | ·10<br>4·84<br>~~5·15~~ | 2·18<br>~~2·03~~ | 1·74<br>~~1·93~~ | 1·12<br>~~1·18~~ | ·56<br>~~0·50~~ | 2·98<br>~~3·04~~ | 3·72<br>~~3·77~~ | 2·07 ·02<br>~~2·05~~ | 5·20<br>~~5·22~~ | 3·77 ·02<br>~~3·81~~ | 4·39<br>~~4·03~~ | 3·36<br>~~3·52~~ | YEAR'S TOTAL<br>35·93<br>~~36·23~~ |
| *Days with ·01 in. or more. | | 1 | 4 | 3 | 2 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 21 |
| *Days with ·04 in. or more. | ~~18~~ 17 | 11 ✓ | 11 ✓ | ~~8~~ 7 | ~~5~~ 6 | ~~14~~ 13 | ~~18~~ 17 | 7 ✓ | 14 ✓ | ~~13~~ 12 | ~~16~~ 17 | 14 ✓ | ~~149~~<br>146 |

40-9999

*See Instruction 2 (*f*) on other side G.H. COE ESQ

(*Signed*) George Hy Coe [P.T.O.

## COPY FOR OFFICIAL USE

**Section** A for the entry of Daily Observations

Station No. 2823/2

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1937

*Kept at* LOWTON

*in the County of* LANCASHIRE

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 2 ft. — in.

,, Ground ,, Sea Level 121 ft.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following ✓

**Please read the Notes and Instructions Overleaf**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | — | 0.05 | 0.07 | — | — | — | .05 | — | .31 | .07 | — | — | | 1 |
| 2 | 0.05 | 0.19 | 0.12 | 0.16 | — | 0.04 | — | — | — | — | — | — | | 2 |
| 3 | — | 0.12 | — | 0.09 | 0.15 | 0.34 | — | — | — | — | — | — | | 3 |
| 4 | 0.28 | — | 0.05 | — | 0.11 | — | — | — | — | — | — | .45 | | 4 |
| 5 | 0.80 | — | 0.03 | 0.05 | — | — | — | — | — | — | — | .54 | | 5 |
| 6 | 0.31 | — | — | 0.31 | 0.16 | — | — | .26 | — | — | — | — | | 6 |
| 7 | — | 0.42 | — | 0.05 | — | 0.16 | — | — | .03 | — | — | .04 | | 7 |
| 8 | — | 0.41 | — | 0.05 | 0.04 | 0.05 | .49 | — | — | — | .05 | .23 | | 8 |
| 9 | — | 0.12 | 0.06 | — | 0.15 | — | .20 | .20 | — | — | — | — | | 9 |
| 10 | — | 0.18 | — | 0.04 | — | 0.02 | — | — | — | — | — | — | | 10 |
| 11 | — | — | 0.25 | — | 0.40 | — | — | — | — | — | — | — | | 11 |
| 12 | — | 0.56 | — | — | — | 0.24 | .08 | 1.53 | — | — | — | .10 | | 12 |
| 13 | 0.03 | 0.16 | 0.03 | — | — | — | — | 1.04 | — | — | — | .27 | | 13 |
| 14 | — | 0.04 | — | — | — | — | — | .22 | — | — | — | .12 | | 14 |
| 15 | 0.21 | 0.24 | — | 0.30 | — | — | .39 | — | — | — | — | .02 | | 15 |
| 16 | — | 0.57 | 0.25 | 0.73 | — | — | — | .12 | — | — | — | — | | 16 |
| 17 | 0.13 | 0.11 | 0.19 | 0.32 | — | — | — | — | — | — | — | — | | 17 |
| 18 | 0.24 | 0.17 | 0.03 | 0.03 | — | — | — | .13 | — | — | 0.52 | — | | 18 |
| 19 | 0.09 | 0.20 | 0.06 | 0.19 | — | 0.05 | .07 | .05 | .56 | — | .19 | — | | 19 |
| 20 | 0.16 | 0.02 | — | 0.39 | 0.16 | 0.08 | — | — | — | — | — | .15 | | 20 |
| 21 | — | 0.15 | 0.10 | 0.26 | — | — | .36 | — | — | .18 | — | .03 | | 21 |
| 22 | 0.16 | 0.14 | 0.15 | — | 0.06 | — | .04 | — | — | .22 | .27 | .28 | | 22 |
| 23 | 0.11 | — | — | — | 0.46 | — | .10 | .12 | — | .45 | .10 | — | | 23 |
| 24 | 0.11 | 0.37 | 0.14 | — | — | — | .05 | — | — | .33 | — | .06 | | 24 |
| 25 | — | 0.39 | — | — | 0.02 | — | — | — | .23 | — | — | .04 | | 25 |
| 26 | — | 0.28 | 0.22 | — | 0.48 | — | — | — | — | .07 | — | — | | 26 |
| 27 | — | 0.78 | — | 0.24 | — | — | — | — | — | .38 | — | .05 | | 27 |
| 28 | — | 0.05 | — | — | — | — | — | — | — | .15 | — | — | | 28 |
| 29 | — | ✕ | — | — | — | 0.04 | — | — | — | .10 | .33 | — | | 29 |
| 30 | 0.13 | ✕ | — | — | — | 0.31 | — | — | — | .06 | .44 | — | | 30 |
| 31 | 0.44 | ✕ | — | ✕ | — | ✕ | — | .11 | ✕ | .05 | ✕ | — | | 31 |
| TOTAL | 3.25 | 5.71 | 1.75 | 3.21 | 2.19 | 1.33 | 1.83 | 3.78 | 1.13 | 2.06 | 1.90 | 2.38 | Year's Total 30.52 | vd. |
| * Days with .01 in. or more. | ~~15~~ | ~~25~~ | ~~15~~ | ~~15~~ | ~~11~~ | ~~10~~ | ~~10~~ | ~~10~~ | ~~4~~ | ~~11~~ | ~~7~~ | ~~14~~ | ~~145~~ | |
| * Days with .04 in. or more. | 14 | 22 | 12 | 14 | 10 | 9 | 10 | 10 | 3 | 11 | 7 | 12 | 134 | ✓ |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) George Hy. Coe

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations                Station No. 2893/2

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1938

Kept at LOWTON
in the County of LANCASHIRE
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 2 ft. — in.
,, Ground 121 ft Sea Level ft.

Mr George Hy Coe ~~Dux~~
258 Newton Rd, Lowton.
Nr Warrington
Lancs

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | — | 0.04 | — | — | — | 0.83 | 0.12 | — | — | 0.10 | 0.07 | 0.12 | | 1 |
| 2 | — | — | — | 0.43 | — | 0.14 | — | 0.27 | — | 0.48 | 0.12 | 0.22 | | 2 |
| 3 | — | — | — | — | — | 0.02 | 0.13 | — | 0.08 | 0.96 | 0.19 | 0.15 | | 3 |
| 4 | 0.01 | — | — | 0.07 | — | 0.06 | 0.28 | — | — | ~~0.05~~ | — | 0.60 | | 4 |
| 5 | 0.07 | — | — | — | — | 0.09 | 0.06 | 0.53 | 0.14 | 0.80 | — | 0.06 | | 5 |
| 6 | 0.20 | — | — | — | — | 0.02 | 0.44 | — | 0.34 | 0.18 | — | — | | 6 |
| 7 | 0.39 | — | — | — | — | — | 0.32 | — | — | 0.66 | — | 0.05 | | 7 |
| 8 | 0.61 | 0.05 | — | — | — | — | 0.76 | 0.13 | — | — | — | 0.46 | | 8 |
| 9 | 0.03 | 0.47 | 0.30 | — | — | 0.42 | 0.16 | 0.26 | 0.09 | 0.30 | — | — | | 9 |
| 10 | — | 0.04 | — | — | — | 0.05 | 0.61 | — | — | 0.14 | — | 0.42 | | 10 |
| 11 | 0.22 | — | — | — | — | 0.04 | 0.05 | 0.36 | 0.03 | — | 0.10 | 0.05 | | 11 |
| 12 | 0.04 | — | — | — | 0.25 | — | — | 0.12 | — | 1.05 | 0.46 | — | | 12 |
| 13 | 0.03 | — | — | — | 0.11 | — | — | — | — | 0.04 | 0.03 | — | | 13 |
| 14 | 0.18 | — | — | — | 0.08 | — | 0.10 | — | 0.04 | — | — | — | | 14 |
| 15 | 0.25 | — | — | — | — | — | 0.36 | — | — | 0.07 | — | 0.15 | | 15 |
| 16 | 0.21 | — | 0.04 | — | 0.16 | — | 0.09 | 0.24 | 0.14 | — | 0.08 | 0.07 | | 16 |
| 17 | — | — | — | — | 0.26 | — | — | 0.04 | — | 0.67 | — | — | | 17 |
| 18 | — | — | — | — | 0.11 | 0.06 | — | 0.08 | — | 0.30 | 0.28 | — | | 18 |
| 19 | — | — | — | — | — | — | — | 0.32 | — | — | — | — | | 19 |
| 20 | 0.16 | — | — | — | — | — | — | — | — | — | 0.37 | — | | 20 |
| 21 | — | — | 0.06 | — | — | — | — | 0.20 | — | — | 0.15 | — | | 21 |
| 22 | — | — | — | — | — | 0.35 | — | — | — | — | 0.41 | — | | 22 |
| 23 | — | — | — | — | 0.08 | 0.17 | — | — | 0.12 | — | 0.42 | — | | 23 |
| 24 | — | 0.15 | 0.23 | — | 0.08 | — | — | 0.85 | — | — | 0.16 | — | | 24 |
| 25 | 0.07 | 0.22 | 0.10 | — | 0.03 | 0.12 | — | — | — | 0.66 | 0.74 | — | | 25 |
| 26 | 0.20 | 0.23 | 0.37 | — | 0.09 | 0.34 | 0.03 | — | — | 0.44 | 0.90 | 0.23 | | 26 |
| 27 | 0.48 | 0.10 | — | — | 0.59 | 0.11 | — | 0.11 | — | — | 0.39 | — | | 27 |
| 28 | 0.19 | 0.04 | 0.15 | — | 0.78 | 0.61 | 0.06 | 0.15 | 0.22 | — | — | — | | 28 |
| 29 | 0.33 | ✕ | — | — | 0.28 | 0.13 | 0.25 | — | — | 0.14 | 0.08 | 0.80 | | 29 |
| 30 | 0.14 | ✕ | — | — | 0.27 | — | — | — | 0.43 | — | — | — | | 30 |
| 31 | 0.15 | ✕ | — | ✕ | 0.41 | ✕ | — | 0.12 | ✕ | 0.41 | ✕ | 1.09 | "d" | 31 |
| TOTAL | 3.96 | 1.34 | 1.25 | 0.50 | 3.58 | 3.56 | 3.82 | 3.78 | 1.63 | 7.40 | 4.95 | 4.47 | Year's Total 40.24 ✓ | |
| * Days with .01 in. or more. | ~~20~~ | ~~9~~ | ~~7~~ | ~~2~~ | ~~15~~ | ~~17~~ | ~~16~~ | ~~15~~ | ~~10~~ | ~~18~~ | ~~17~~ | ~~14~~ | ~~160~~ | low? wet |
| * Days with .04 in. or more. | 17 | 9 | 7 | 2 | 14 ~~15~~ | 15 | 15 | 15 | 9 | 18 | 16 | 14 | 151 | ✓ |

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(Signed) George Hy Coe

P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations
Station No. 2823/2

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1939

*Kept at* LOWTON
*in the County of* LANCASHIRE
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 2 ft. — in.
,, Ground ,, Sea Level 121 ft.

Days Totals

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | 0.53 | — | 0.10 | 0.39 | — | — | 0.10 | 0.06 | — | — | — | — | | 1 |
| 2 | 0.07 | — | — | 0.23 | — | — | 0.17 | 0.36 | 0.39 | — | — | — | | 2 |
| 3 | — | — | — | 0.21 | — | — | — | 0.05 | 0.29 | — | 0.05 | 1.17 | | 3 |
| 4 | — | — | — | 0.17 | — | — | 0.23 | — | — | 0.20 | 0.03 | 1.10 | | 4 |
| 5 | — | — | 0.18 | — | 0.26 | — | 0.44 | 0.08 | — | — | 0.35 | — | | 5 |
| 6 | 1.08 | 0.05 | — | — | 0.06 | — | 0.36 | — | — | — | — | — | | 6 |
| 7 | — | 0.16 | — | — | — | — | 0.14 | — | — | — | — | 0.74 | | 7 |
| 8 | — | 0.06 | 0.42 | — | — | — | 0.57 | 0.05 | — | 0.60 | 0.20 | — | | 8 |
| 9 | 0.40 | 0.26 | — | — | — | — | — | 0.46 | — | — | — | 0.47 | | 9 |
| 10 | 0.41 | — | 0.05 | — | — | 0.15 | — | 0.26 | 0.28 | 0.17 | 0.06 | — | | 10 |
| 11 | 0.27 | 0.06 | — | — | — | 0.55 | — | — | — | — | 0.04 | — | | 11 |
| 12 | 0.48 | 0.03 | 0.15 | — | — | — | — | — | 0.06 | — | — | — | | 12 |
| 13 | — | — | — | 0.35 | 0.22 | 0.35 | 0.25 | — | — | — | — | — | | 13 |
| 14 | 0.61 | — | — | — | 0.19 | 0.48 | 0.22 | — | 0.05 | — | — | — | | 14 |
| 15 | 0.09 | — | — | 0.58 | 0.05 | 0.81 | 0.11 | — | — | — | 0.23 | — | | 15 |
| 16 | — | — | 0.09 | — | 0.22 | — | — | — | — | — | 0.20 | — | | 16 |
| 17 | 0.81 | 0.16 | — | — | 0.21 | — | — | — | — | 0.77 | — | — | | 17 |
| 18 | 0.10 | 0.25 | 0.04 | — | — | — | 0.21 | — | — | — | 0.06 | — | | 18 |
| 19 | 0.24 | — | — | — | — | 0.29 | 0.49 | — | — | — | 1.06 | — | | 19 |
| 20 | 0.13 | — | 0.23 | — | — | 0.13 | 0.04 | — | — | — | — | — | | 20 |
| 21 | — | — | 0.48 | 0.13 | — | 0.02 | 0.76 | 0.86 | 0.07 | — | 0.04 | — | | 21 |
| 22 | 0.12 | — | 0.25 | 0.12 | — | — | 0.10 | — | — | 0.24 | 0.89 | — | | 22 |
| 23 | — | 0.30 | 0.07 | — | — | — | — | — | — | — | 0.08 | — | | 23 |
| 24 | — | 0.48 | — | 0.29 | — | 0.05 | — | — | — | — | — | — | | 24 |
| 25 | 0.10 | 0.16 | — | 0.05 | — | — | 0.03 | — | — | — | 0.94 | — | | 25 |
| 26 | — | 0.24 | — | — | — | — | — | — | — | — | — | 0.03 | | 26 |
| 27 | 0.02 | 1.15 | — | — | — | 0.35 | 0.06 | 0.04 | — | 0.07 | 0.24 | — | | 27 |
| 28 | — | 0.08 | 0.14 | 0.07 | — | 0.44 | — | — | — | — | 0.61 | — | | 28 |
| 29 | — | | — | — | — | — | 1.11 | — | — | — | 0.06 | 0.11 | | 29 |
| 30 | — | ✕ | — | — | — | 0.06 | 0.15 | — | — | — | 0.16 | — | | 30 |
| 31 | — | ✕ | — | ✕ | — | ✕ | 0.18 | — | ✕ | 0.05 | ✕ | — | | 31 |
| TOTAL | 5.46 | 3.44 | 2.20 | 2.59 | 1.21 | 3.68 | 5.72 | 2.22 | 1.14 | 2.10 | 5.30 | 3.62 | Year's Total 38·68 | |
| * Days with .01 in. or more. | ~~16~~ | ~~14~~ | ~~12~~ | ~~11~~ | ~~9~~ | ~~12~~ | ~~20~~ | ~~9~~ | ~~6~~ | ~~7~~ | ~~18~~ | ~~6~~ | ~~6~~ | ~~138~~ |
| * Days with .04 in. or more. | 15 | 13 | 12 | 11 | 7 | 11 | 19 | 9 | 6 | 7 | 17 | ~~5~~ 5 | 132 | 132 |

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) ..............................

P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 2823/2

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 19~~3~~40

Kept at 258 Newton Rd. Lowton

in the County of Nr Warrington, Lancs

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 2 ft. — in.

" Ground " Sea Level 121 ft.

Jan 24th – 31st + Feb 3rd ests from nearby stns

Days

Snow

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | — | — | — | 0.02 | — | — | — | — | — | — | 0.65 | — | | 1 |
| 2 | — | — | — | 0.25 | — | — | 0.12 | — | 0.10 | — | — | — | | 2 |
| 3 | — | ~~0.40~~ ·46 | — | 0.37 | 0.07 | — | 0.08 | — | — | — | 0.05 | 0.37 | | 3 |
| 4 | — | ~~0.06~~ | 0.07 | — | — | — | 0.16 | — | — | 0.20 | 0.33 | 0.30 | | 4 |
| 5 | — | — | — | — | 0.23 | — | — | — | — | 0.88 | 0.12 | 0.43 | | 5 |
| 6 | 0.20 | — | — | — | — | — | — | — | — | 0.10 | — | — | | 6 |
| 7 | — | 0.51 | — | — | 0.04 | — | 0.36 | — | — | — | — | — | | 7 |
| 8 | — | 0.12 | — | 0.16 | — | — | — | 0.17 | 0.16 | 0.17 | 0.50 | 0.33 | | 8 |
| 9 | — | — | 0.30 | — | — | — | — | 0.15 | 0.26 | 0.37 | 1.06 | 0.25 | | 9 |
| 10 | — | — | 0.07 | — | — | — | 0.88 | 0.25 | — | ·19 | 1.09 | — | | 10 |
| 11 | — | — | 0.06 | 0.15 | — | — | 0.19 | — | — | — | 1.15 | 0.40 | | 11 |
| 12 | — | — | 0.46 | — | — | 0.15 | 0.09 | 0.09 | 0.36 | ~~0.19~~ | 0.35 | — | | 12 |
| 13 | — | — | 0.25 | — | — | — | — | — | — | — | 0.12 | — | | 13 |
| 14 | — | — | — | 0.23 | — | — | 0.49 | 0.15 | — | — | 0.09 | 0.31 | | 14 |
| 15 | — | — | — | 0.15 | 0.70 | — | — | — | 0.56 | 0.43 | — | 0.15 | | 15 |
| 16 | — | — | — | — | — | — | — | — | 0.10 | — | — | — | | 16 |
| 17 | — | — | 0.86 | — | 0.16 | — | — | — | [illegible].46 | — | 1.00 | 0.06 | | 17 |
| 18 | — | 0.48 | 0.25 | 0.30 | — | — | 0.27 | 0.37 | — | — | — | — | | 18 |
| 19 | — | 0.23 | — | — | — | — | 0.12 | — | — | — | — | 0.26 | | 19 |
| 20 | — | — | 0.15 | 0.24 | — | — | 0.75 | — | 0.04 | 0.38 | — | — | | 20 |
| 21 | — | — | 0.07 | — | — | 0.55 | — | 0.16 | — | — | ~~1·39~~ — | — | | 21 |
| 22 | — | 0.05 | 0.05 | 0.11 | 0.36 | 0.09 | — | 0.10 | 0.30 | — | — | — | | 22 |
| 23 | 0.34 | 0.15 | — | — | — | — | 0.07 | — | 0.09 | — | 1.29 | — | | 23 |
| 24 | Heavy Snow | — | — | — | — | — | — | — | — | — | — | — | | 24 |
| 25 | | — | — | — | 0.14 | — | — | — | — | — | — | — | | 25 |
| 26 | | 0.20 | 0.15 | — | — | 0.05 | 0.41 | — | — | — | — | — | | 26 |
| 27 | (2.00) | 0.68 | — | 0.10 | — | — | — | — | — | — | 0.11 | — | | 27 |
| 28 | | 0.06 | — | — | 0.05 | — | — | 0.04 | — | — | — | 0.06 | | 28 |
| 29 | | — | — | — | — | 0.25 | 0.05 | — | — | — | — | 1.06 | | 29 |
| 30 | | ✕ | — | 0.08 | — | — | — | — | — | — | — | — | | 30 |
| 31 | ~~3.00~~ | ✕ | 0.25 | ✕ | 0.02 | ✕ | — | — | ✕ | 0.98 | ✕ | — | | 31 |
| TOTAL | 2.54<br>~~3.54~~ | 2.54<br>~~2.94~~ | 3.27 | 2.16 | 1.77 | 1.09 | 4.06 | 1.48 | 3.43 | 3.70 | 7.91 | 3.98 | Year's Total<br>37.93 | |
| * Days with .01 in. or more. | 9 | 16 | 15 | 12 | 9 | 5 | 22 | 12 | 13 | 14 | 20 | 20 | (167) | |
| * Days with .04 in. or more. | 7 | 15 | 14 | 11 | 8 | 5 | 19 | 9 | 13 | 11 | 19 | 16 | (147) | |

stet

stet.

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) ..................................................

[P.T.O.

FORM 1090.

**B** Mo Su

2823/5

S. Lancs /2

# 2823/5

St Helens. Windle Hall
1935 — 40

780501

*** The following register of month
&c., is NOT required if daily
values are given on the other s

nd also the space for

ister should be sent:—

, LANCS

## RAINFALL IN 1935

At Windle Hall St Hel

In the County of Lanca

in Summer 8.0

mile Direction from gauge N.

furlong Direction from gauge S.

Rain Gauge
Diameter of Funnel 5
*Height of Top above Ground* – *ft.*
*Height of Ground above Sea Level* 1

of wall

feet

feet

| Month. | Total Depth. | Greatest Fall in 24 hours. | | Nu Da ·01in or m | |
|---|---|---|---|---|---|
| | Inches | Inches | Date | * | * |
| JAN. | 2·17 | 0·52 | 11 | 17 | 11 |
| FEB. | 3·06 | 0·54 | 15 | 19 | 12 |
| MAR. | 1·31 | 0·40 | 23 | 11 | 10 |
| APRIL | 2·49 | 0·59 | 19 | 14 | 13 |
| MAY | 1·65 | 0·74 | 18 | 9 | 7 |
| JUNE | 2·62 | 0·36 | 13 | 20 | 17 |
| JULY | 1·91 | | | 6 | 6 |
| AUG. | 2·05 | 0·67 | 26 | 9 | 7 |
| SEPT. | 5·57 | 0·66 | 16 | 20 | 19 |
| OCT. | 5·26 | 1·60 | 10 | 22 | 22 |
| NOV. | 4·04 | 0·66 | 18 | 21 | 20 |
| DEC. | 3·35 | 0·74 | 15 | 15 | 13 |
| Total | 35·48 | | | 183 | 157 |

*Signature* W. Pilkington

Print

*See Instruction 2 (*f*) below.

| | | | |
|---|---|---|---|
| Directions from gauge .. | N & N.W | N.E. & S. | W.S.W. |

**If gauge has been moved during the year state—**

Date of move ........ Distance ........ Direction ........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.

**If you know of any record of rainfall** not quoted in **British Rainfall**, please give the observer's name and address:—

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

May 17th. Snow. During daylight hours, between 8 & 17 hours.

Dec 15th. snow.
14th snow
24th snow
21st snow

no file

## **D** INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-guage should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

London: Published by His Majesty's Stationery Office. To be purchased directly from H.M. Stationery Office at the following addresses: Adastral House, Kingsway, London, W.C.2; 120, George Street, Edinburgh 2; York Street, Manchester 1; 1, St. Andrew's Crescent, Cardiff; 80, Chichester Street, Belfast; or through any Bookseller. Price 1d. net.

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(586) Wt.283/202 16,000 5/34. Gp.119/110.

N

2823/5

S. Lancs/2

FORM 1090.

**B** Mo
Summary.

**C** Particulars of Station.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

## RAINFALL IN 1935

At Windle Hall St Helens

In the County of Lancashire

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* — *ft* 4 *in.*
- *Height of Ground above Sea Level* 180 *ft.*

| Month. | Total Depth. | Greatest Fall in 24 hours. | | Number of Days with | |
|---|---|---|---|---|---|
| | | | | ·01 in or more | ·04 in. or more |
| | Inches | Inches | Date | * | * |
| JAN. | 2·17 | 0·52 | 11 | 17 | 11 |
| FEB. | 3·06 | 0·54 | 15 | 19 | 12 |
| MAR. | 1·31 | 0·40 | 23 | 11 | 10 |
| APRIL | 2·49 | 0·59 | 19 | 14 | 13 |
| MAY | 1·65 | 0·74 | 18 | 9 | 7 |
| JUNE | 2·62 | 0·36 | 12 | 20 | 17 |
| JULY | 1·91 | | | 6 | 6 |
| AUG. | 2·05 | 0·67 | 26 | 9 | 7 |
| SEPT. | 5·57 | 0·66 | 16 | 20 | 19 |
| OCT. | 5·26 | 1·60 | 10 | 22 | 22 |
| NOV. | 4·04 | 0·66 | 18 | 21 | 20 |
| DEC. | 3·35 | 0·74 | 15 | 15 | 13 |
| Total | 35·48 | | | 183 | 157 |

*Signature* W H Pilkington

Print

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
W. H. PILKINGTON
WINDLE HALL, ST HELENS, LANCS

Hour of observation by the clock—in Winter 8.0 in Summer 8.0

Nearest Railway Station Crank Distance 1 mile Direction from gauge N.

Nearest Parish Church at St Helens cemetery Distance 3 furlongs Direction from gauge S.

| | | | | |
|---|---|---|---|---|
| Nature of objects nearest to gauge | House | Trees | end of wall | |
| Height of objects | 35 ft | 30 ft | 8 feet | |
| Distances .. | 70 ft | 80 ft or more | 25 feet. | |
| Directions from gauge .. | N to N.W | N.E to S. | W.S.W. | |

**If gauge has been moved during the year state—**

Date of move ........ Distance ........ Direction ........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)
If the gauge is of a self-registering or self-recording type please give particulars.

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(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

May 17th. Snow. During daylight hours, between 8 & 17 hours.

Dec 15th. snow.
14th snow
24th snow
21st snow

no file

## D INSTRUCTIONS.

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(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

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3. The columns are so spaced that the entries can be made by a typewriter.

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COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2823/5.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1936.

*Kept at* Windle Hall, St Helens

*in the County of* Lancashire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. — in.

,, Ground ,, Sea Level 150 or 80 ft. -180ft-

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | ·03 | ·06 | ·09 | ·21 | - | ·11 | ·05 | ·36 | ·07 | - | ·20 | ·50 | | 1 |
| 2 | ·05 | Trace | - | ·11 | - | ·29 | - | ·07 | - | - | ·10 | ·15 | | 2 |
| 3 | ·05 | - | - | - | - | ·24 | ·07 | ·09 | ·53 | - | - | - | | 3 |
| 4 | ·23 | ·23 | ·16 | - | - | ·02 | - | ·02 | ·52 | - | ·21 | ·18 | | 4 |
| 5 | ·06 | ·06 | ·09 | - | - | Trace | - | ·27 | ·17 | - | ·07 | ·33 | | 5 |
| 6 | ·04 | - | · | - | ·05 | Trace | ·10 | ·22 | ·47 | - | ·02 | - | | 6 |
| 7 | NIL | - | ·14 | - | ~~·05~~ | - | ·08 | [illegible] | ·28 | - | ·16 | ·18 | | 7 |
| 8 | ·16 | - | ·32 | - | - | - | [illegible] | [illegible] | Trace | - | ·47 | ·10 | | 8 |
| 9 | ·17 | - | ·06 | - | - | ·07 | ·09 | [illegible] | ·23 | - | ·20 | ·01 | | 9 |
| 10 | ·02 | - | - | - | - | - | ·12 | - | ·03 | - | ·28 | - | | 10 |
| 11 | ·01 | - | ·01 | Trace | - | ·11 | ·50 | ·06 | ·22 | - | ·49 | ·02 | | 11 |
| 12 | NIL | - | - | - | ·04 | ·16 | ·31 | - | ·52 | ·08 | ·15 | - | | 12 |
| 13 | ·01 | - | · | ·02 | ·04 | Trace | ·03 | - | - | ·28 | - | ·41 | | 13 |
| 14 | NIL | - | · | ·06 | - | ·31 | ·16 | ·19 | ·13 | ·07 | ·29 | 1·02 | 1·02 | 14 |
| 15 | ·30 | - | Trace | ·39 | ·23 | ·05 | - | ·08 | ·10 | - | ·29 | ·03 | | 15 |
| 16 | ·06 | ·07 | ·03 | ·13 | ·04 | - | ·06 | - | ·02 | ·01 | ·60 | - | | 16 |
| 17 | ·12 | ·34 | · | - | ·06 | - | ·12 | ·18 | - | ·15 | ·02 | ·07 | | 17 |
| 18 | NIL | ·01 | · | ·01 | - | - | ·38 | ·14 | - | ·47 | - | - | | 18 |
| 19 | ·60 | ·12 | Trace | ·11 | - | ·77 | ·05 | ·25 | - | ·13 | - | - | | 19 |
| 20 | ·42 | ·11 | ·07 | - | - | Trace | - | - | - | ·04 | - | - | | 20 |
| 21 | ·25 | ~~·38~~ | ·01 | ·09 | - | ·28 | - | - | - | ·03 | - | Trace | | 21 |
| 22 | ·03 | ·38 | ·03 | - | - | ·82 | ·27 | - | - | ·01 | ·01 | ·10 | | 22 |
| 23 | NIL | ·08 | ·06 | ·08 | - | - | ·65 | - | - | ·05 | - | - | | 23 |
| 24 | ·15 | - | · | ·01 | - | - | - | - | ·16 | ·24 | - | Trace | | 24 |
| 25 | ·31 | - | · | - | - | - | ·04 | - | ·43 | ·27 | - | ·01 | | 25 |
| 26 | ·01 | ·10 | ·14 | ·03 | - | - | ·15 | - | ·11 | ·34 | - | Trace | | 26 |
| 27 | ·64 | Trace | · | - | - | - | ·02 | - | ·03 | ·24 | ~~·0~~ | - | | 27 |
| 28 | ·23 | ·21 | ·20 | ·02 | - | - | ·02 | - | - | ·01 | ·01 | ·03 | | 28 |
| 29 | ·04 | ·33 | ·28 | - | ·01 | ·50 | ·09 | - | - | ·09 | ·17 | ·05 | | 29 |
| 30 | ·10 | × | · | - | ·38 | - | ·32 | ·07 | - | ·42 | ·10 | ·01 | | 30 |
| 31 | ·11 | × | ·03 | × | | × | ·05 | ·03 | × | - | × | ·25 | | 31 |
| TOTAL | 4·20 | 2·10 | 1·72 | 1·27 | 0·85 | 3·73 | 3·73 | 2·03 | 4·02 | 2·93 | 3·84 | 3·45 | Year's Total.<br>33·89 | ✓ |
| * Days with .01 in. or more. | 26 | 13 | 16 | 13 | 8 | 13 | 23 | 14 | 17 | 18 | 19 | 18 | 198 | ✓ |
| * Days with .04 in. or more. | 20 | 12 | 11 | 8 | 7 | 12 | 20 | 12 | 14 | 14 | 15 | 12 | 157 | ✓ |

40-9999

† Spare column, no entries required.

(*Signed*) W. H. Pilkington

[P.T.O.

* See Instruction 2 (f) on other side.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 2823/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1937

File number
5304 58/36

*Kept at* WINDLE HALL, ST HELENS.
*in the County of* Lancashire
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. – in.
,, Ground ,, Sea Level 160 ft.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |  | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † |  |
| 1 | - | ·15 | ·08 | - | - | Trace | 03 | - | ·25 | ·08 | ·01 | ·09 |  | 1 |
| 2 | ·02 | ·15 | ·17 | ·14 | - | - | - | - | ·02 | Trace | - | - |  | 2 |
| 3 | - | ·06 | ·01 | - | ·08 | ·31 | ·04 | - | ·01 | - | - | - |  | 3 |
| 4 | ·25 | ·09 | ·01 | ·08 | ·12 | - | Trace | - | ·01 | - | - | ·38 |  | 4 |
| 5 | ·63 | - | ·05 | ·13 | - | ·01 | ·02 | - | ·01 | - | - | ·18 |  | 5 |
| 6 | ·07 | - | - | ·03 | ·16 | - | - | - | ·01 | - | Trace | ·02 |  | 6 |
| 7 | - | ·27 | - | ·27 | Trace | ·13 | - | - | ·03 | - | - | Trace |  | 7 |
| 8 | ·01 | ·28 | Tr | ·05 | ·04 | ·15 | ·07 | - | - | - | ·11 | - |  | 8 |
| 9 | - | ·08 | ·01 | ·04 | ·32 | ·03 | ·22 | ·17 | - | - | - | - |  | 9 |
| 10 | - | ·11 | - | - | - | - | ·01 | - | - | - | - | ·23 |  | 10 |
| 11 | Tr | - | ·15 | - | ·30 | - | ·03 | - | - | - | Trace | Trace |  | 11 |
| 12 | ·02 | ·40 | ·13 | - | Trace | ·50 | ·03 | ·52 | ·41 | - | - | ·08 |  | 12 |
| 13 | Tr | ·09 | ·01 | - | - | - | - | 1·10 | ·04 | - | - | ·33 |  | 13 |
| 14 | - | ·05 | ·01 | - | - | - | - | ·53 | ·06 | - | ·04 | ·18 |  | 14 |
| 15 | ·17 | ·26 | - | ·28 | - | - | ·41 | - | ·25 | - | - | ·02 |  | 15 |
| 16 | ·06 | ·24 | ·12 | ·58 | - | - | - | ·15 | ·06 | - | - | - |  | 16 |
| 17 | ·04 | ·04 | ·15 | ·29 | - | ·02 | - | Trace | ·08 | - | ·01 | - |  | 17 |
| 18 | ·27 | ·15 | ·06 | ·06 | - | - | - | ·26 | Trace | - | ·53 | - |  | 18 |
| 19 | ·08 | ·07 | ·04 | ·19 | ·01 | ·08 | ·05 | ·06 | Trace | - | ·18 | - |  | 19 |
| 20 | ·02 | ·02 | ·13 | ·27 | ·10 | - | - | ·02 | - | - | - | ·06 |  | 20 |
| 21 | ·02 | ·15 | ·03 | ·17 | ·04 | - | ·27 | - | - | ·12 | - | ·03 |  | 21 |
| 22 | - | ·04 | ·07 | - | ·05 | - | ·02 | - | - | ·14 | ~~Trace~~ ·15 | ·12 |  | 22 |
| 23 | ·07 | - | ·02 | - | ·58 | Trace | ·10 | - | ·01 | ·39 | ·18 | - |  | 23 |
| 24 | ·07 | ·29 | ·07 | - | - | - | ·11 | - | ·24 | ·36 ~~·50~~ | - | ·05 |  | 24 |
| 25 | ·03 | ·33 | ·02 | - | - | - | - | ·24 | Trace | ·50 | Trace | ·03 |  | 25 |
| 26 | - | ·25 | ·23 | - | ·30 | - | - | ·01 | - | ·04 | - | ·02 |  | 26 |
| 27 | - | ·49 | ·01 | ·20 | - | - | - | - | ·03 | ·33 | - | ·01 |  | 27 |
| 28 | - | ·06 | ·01 | - | - | Trace | - | - | - | ·11 | - | - |  | 28 |
| 29 | ·01 | X | - | - | - | Trace | - | - | - | ·32 | ·16 | - |  | 29 |
| 30 | ·11 | ✕ | - | - | - | ·37 | - | - | ·05 | ·13 | ·40 | Trace |  | 30 |
| 31 | ·18 | ✕ | - | ✕ | - | ✕ | - | ·04 | ✕ | ·03 | ✕ | - |  | 31 |
| TOTAL | 2·11 | 4·12 | 1·59 | 2·78 | 2·10 | 1·60 | 1·41 | 3·10 | 1·57 | 2·55 | 1·77 | 1·83 | Year's Total<br>26·53 | ✓ ✓ |
| * Days with .01 in. or more. | 19 | 24 | 23 | 15 | 12 | 9 | 14 | 11 | 17 | 12 | 10 | 16 | 182 | ✓ ✓ |
| * Days with .04 in. or more. | 12 | 23 | 13 | 14 | 11 | 6 | 8 | 9 | 9 ~~10~~ | 11 | 8 | 10 | 134 | ✓ ✓ |

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) W. H. P[illegible] [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 2823/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1938

*Kept at* Windle Hall St Helens

*in the County of* Lancashire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. – in.

,, Ground ,, Sea Level 160 ft.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | - | ·03 | - | ·03 | - | ·78 | - | ·33 | ·20 | ·08 | ·04 | ·26 | | 1 |
| 2 | - | ·02 | - | ·28 | - | ·36 | - | - | - | ·64 | ·09 | ·08 | | 2 |
| 3 | ·01 | - | Trace | - | - | ·04 | ·06 | - | ·11 | ·90 | ·13 | - | | 3 |
| 4 | ·01 | - | - | - | - | - | ·22 | - | - | ·05 | ·05 | ·64 | | 4 |
| 5 | ·05 | Trace | - | ·04 | - | ·01 | ·11 | ·46 | ·12 | ·49 | - | ·11 | | 5 |
| 6 | ·17 | ·01 | - | - | - | ·04 | ·27 | ·01 | ·13 | ·26 | - | ·01 | | 6 |
| 7 | ·37 | Trace | - | - | - | - | ·29 | Trace | ·07 | ·15 | - | - | | 7 |
| 8 | ·50 | ·01 | - | - | - | - | ·65 | ·03 | - | ·48 | - | ·51 | | 8 |
| 9 | ·02 | ·23 | ·11 | - | - | ·25 | ·14 | 1·68 | - | ·02 | - | ·10 | | 9 |
| 10 | ·04 | ·09 | ·04 | - | - | ·03 | ·49 | - | ·02 | ·31 | Trace | ·15 | | 10 |
| 11 | ·20 | ·03 | - | - | ·08 | ·07 | ·06 | ·03 | ·03 | ·15 | ·09 | ·06 | | 11 |
| 12 | ·03 | - | - | - | ·19 | - | ·01 | ·06 | ·01 | 1·14 | ·52 | - | | 12 |
| 13 | ·02 | - | - | - | ·04 | - | - | - | ·02 | ·01 | ·15 | ·09 | | 13 |
| 14 | ·22 | Trace | - | - | ·18 | - | ·07 | - | ·03 | Trace | ·01 | - | | 14 |
| 15 | ·22 | - | - | - | - | Trace | ·06 | ·12 | - | ·03 | ~~·02~~ | ·06 | | 15 |
| 16 | ·16 | - | ·06 | - | ·31 | - | ·13 | ·03 | Trace | ·02 | ·02 | ·04 | | 16 |
| 17 | - | - | - | - | ·16 | - | ·08 | ·09 | ·09 | ·79 | ·01 | ·02 | | 17 |
| 18 | ·02 | - | - | - | ·09 | Trace | - | ·30 | Trace | ·24 | ·25 | - | | 18 |
| 19 | - | - | - | - | - | ·02 | - | ·21 | ·04 | - | Trace | Trace | | 19 |
| 20 | ·12 | - | ·03 | - | - | - | - | - | ·03 | - | ·23 | - | | 20 |
| 21 | Trace | - | ·07 | - | - | ·03 | - | ·05 | - | Trace | ·17 | ·01 | | 21 |
| 22 | Trace | - | - | - | Trace | ·30 | - | - | Trace | - | ·38 | - | | 22 |
| 23 | - | - | - | ·02 | ·08 | ·15 | - | - | ·08 | - | ·25 | - | | 23 |
| 24 | ·07 | ·12 | ·25 | - | ·05 | ·01 | - | ·49 | ·09 | ·09 | ·17 | - | | 24 |
| 25 | ·08 | ·10 | ·11 | - | - | ·09 | 17 | ·01 | - | ·51 | ·50 | ·10 | | 25 |
| 26 | ·20 | ·14 | ·25 | - | ·06 | ·09 | - | ·05 | ·15 | ·51 | ·53 | ·12 | | 26 |
| 27 | ·20 | ·09 | ·01 | - | ·62 | ·37 | ·09 | ·25 | ·01 | Trace | ·32 | - | | 27 |
| 28 | ·12 | ·03 | ·03 | - | - | ·60 | ·21 | ·05 | ·02 | ·07 | ·01 | ·23 | | 28 |
| 29 | ·29 | × | ·04 | - | 1·23 | ·22 | ·26 | - | - | ·12 | ·04 | ·34 | | 29 |
| 30 | ·08 | × | - | - | ·28 | ·01 | ·05 | - | ·42 | - | ·17 | ·28 | | 30 |
| 31 | ·10 | × | - | × | ·39 | × | - | - | × | ·38 | × | ·78 | | 31 |
| TOTAL | 3·30 | 0·90 | 1·00 | 0·37 | 3·76 | 3·47 | 3·42 | 4·25 | 1·67 | 7·44 | 4·13 | 3·99 | Year's Total 37·70 | |
| * Days with .01 in. or more. | 24 | 12 | 11 | 4 | 14 | 19 | 19 | 18 | 19 | 23 | 22 | 20 | 205 | |
| * Days with .04 in. or more. | 18 | 6 | 8 | 2 | 14 | 13 | 18 | 13 | 11 | 19 | 18 | 17 | 157 | |

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) W. H. Pilkington

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations
Station No. 2823/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1939

*Kept at* Windle Hall St Helens

*in the County of* Lancashire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. – in.

,, Ground ,, Sea Level 160 ft.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·22 | – | ·01 | ·23 | – | – | ·02 | Trace | – | Trace | – | ·04 | | 1 |
| 2 | ·03 | – | Trace | ·16 | – | – | ·27 | ·59 | ·20 | – | Trace | ·10 | | 2 |
| 3 | ·19 | – | ·04 | ·15 | – | – | ·01 | ·06 | – | Trace | ·02 | ·80 | | 3 |
| 4 | ·25 | – | ·17 | ·30 | ·03 | – | ·20 | – | – | Trace | ·01 | ·93 | | 4 |
| 5 | – | – | – | Trace | ·27 | – | ·37 | ·01 | – | ·12 | ·33 | Trace | | 5 |
| 6 | ·75 | ·04 | ·01 | – | ·14 | – | ·40 | ·01 | – | – | ·14 | – | | 6 |
| 7 | ·07 | ·24 | Trace | – | – | – | ·12 | Trace | – | – | ·09 | ·40 | | 7 |
| 8 | ·13 | ·08 | ·29 | ·01 | – | – | ·65 | – | – | ·14 | ·27 | ·24 | | 8 |
| 9 | ·04 | ·19 | – | – | – | – | – | ·34 | – | ·43 | Trace | ·42 | | 9 |
| 10 | ·14 | – | ·05 | – | – | ·05 | – | ·21 | ·33 | ·08 | ·03 | ·20 | | 10 |
| 11 | ·33 | ·02 | ·28 | – | – | ·88 | – | – | – | – | ·02 | – | | 11 |
| 12 | ·58 | ·07 | – | – | – | ·15 | – | – | ·04 | – | – | – | | 12 |
| 13 | ·01 | – | ·01 | ·23 | ·16 | ·22 | ·30 | – | ·40 | ·04 | Trace | – | | 13 |
| 14 | ·47 | – | – | ·03 | ·25 | ·38 | ·22 | – | – | ·02 | ·36 | – | | 14 |
| 15 | ·15 | ·04 | ·03 | ·39 | ·02 | ·84 | ·11 | – | – | – | ·03 | – | | 15 |
| 16 | ·09 | – | ·08 | – | ·28 | – | ·12 | – | – | ·08 | ·16 | – | | 16 |
| 17 | ·62 | ·05 | – | Trace | ·19 | ·14 | – | – | – | ·50 ✓ | ·04 | – | | 17 |
| 18 | ·05 | ·21 | ·05 | – | – | ·32 | ·14 | – | – | – | ·75 | – | | 18 |
| 19 | ·21 | Trace | – | – | – | – | ·37 | – | – | – | Trace | – | | 19 |
| 20 | ·03 | – | ·16 | – | ·01 | ·12 | ·09 | ·02 | Trace | – | – | – | | 20 |
| 21 | ·12 | ·02 | ·32 | ·04 | – | – | – | ·76 | ·07 | – | – | – | | 21 |
| 22 | ·10 | ·26 | ·15 | ·06 | – | – | ·10 | – | Trace | ·03 | ·66 | – | | 22 |
| 23 | ·10 | ·41 | ·01 | ·19 | – | ·02 | ·10 | – | – | ·30 | ·23 | – | | 23 |
| 24 | – | ·19 | ·01 | ·02 | – | ·14 | ·12 | – | – | ·11 | ·03 | – | | 24 |
| 25 | ·07 | ·17 | – | ·04 | – | – | – | ·01 | – | ·01 | ·79 | – | | 25 |
| 26 | Trace | – | – | ·02 | – | – | – | ·11 | – | – | ·24 | ·02 | | 26 |
| 27 | – | ·89 | ·01 | – | – | ·28 | ·09 | – | – | ·02 | ·17 | ·11 | | 27 |
| 28 | – | ·19 | ·12 | ·0~~8~~3 | – | ·15 | ·52 | ·01 | – | – | ·53 | ·06 | | 28 |
| 29 | – | ✕ | – | ·03 | – | – | 1·23 | – | – | ·04 | ·12 | – | | 29 |
| 30 | – | ✕ | – | – | – | ·30 | ·17 | – | – | – | ·06 | ·01 | | 30 |
| 31 | – | ✕ | – | ✕ | – | ✕ | ·11 | – | ✕ | ·01 | ✕ | | | 31 |
| | | | | | | | | | | | | | Year's Total | |
| TOTAL | 4·75 | 3·07 | 1·80 | 1·93 | 1·35 | 3·99 | 5·83 | 2·13 | 1·04 | 1·93 | 5·08 | 3·33 | 36·23 | |
| * Days with .01 in. or more. | 23 | 16 | 18 | 16 | 9 | 14 | 23 | 11 | 5 | 15 | 22 | 12 | 184 | |
| * Days with .04 in. or more. | 20 | 14 | 11 | 10 | 6 | 13 | 21 | 6 | 5 | 10 | 16 | 10 | 142 | |

† Spare column, no entries required.

(*Signed*) W. H. Pilkington

P.T.O.

* See Instruction 3 (f) on other side.

COPY FOR OFFICIAL USE

**Section** A **for the entry of Daily Observations**

**Station No.** 2823/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 19~~3~~40

*Kept at* Windle Hall, St Helens

*in the County of* Lancashire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. – in.

,, Ground ,, Sea Level 160 ft.

alterations in red ink [illegible]

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | – | – | – | ·10 | – | – | – | – | ·04 | – | ·26 | ·07 | | 1 |
| 2 | – | – | – | ·22 | – | – | ·14 | – | – | – | ·40 | ·13 | | 2 |
| 3 | – | ·02 | ·01 | ·29 | – | – | ·20 | – | ·03 | Tr | ·04 | ·11 | | 3 |
| 4 | – | ·05 | – | ·03 | – | – | ·03 | – | – | ·16 | ·22 | ·18 | | 4 |
| 5 | Tr | – | – | – | ·22 | – | ·07 | – | – | ·35 | ·11 | ·19 | | 5 |
| 6 | ·12 | ·23 | – | – | – | – | ·15 | Tr | – | ·63 | ·06 | ·01 | | 6 |
| 7 | ·02 | ·31 | – | ·17 | ·01 | – | ·20 | ·11 | ·23 | ·06 | ·01 | – | | 7 |
| 8 | ·01 | – | – | ·02 | ·03 | – | – | ·02 | ·02 | ·19 | ·02 | ·25 | | 8 |
| 9 | – | – | ·30 | – | – | – | ·48 | ·07 | ·08 | ·47 | ~~·63~~ 1·13 | ·13 | | 9 |
| 10 | – | – | ·01 | – | – | – | ·57 | ·35 | ·02 | ·25 | ·28 | ·32 | | 10 |
| 11 | – | Tr | ·07 | ·05 | – | Tr | ·03 | – | – | – | ~~·83~~ 1·33 | ·02 | | 11 |
| 12 | – | – | ·33 | – | – | ·15 | ·14 | ·12 | ·28 | – | ·03 | – | | 12 |
| 13 | – | Tr | ·31 | – | – | – | – | ·12 | ·55 | – | ·02 | ·03 | | 13 |
| 14 | – | – | – | ·10 | ·15 | – | – | ·15 | ·44 | ·01 | ·07 | ·16 | | 14 |
| 15 | – | – | ·02 | ·03 | ·42 | Tr | ·01 | – | ·05 | – | ·01 | ·02 | | 15 |
| 16 | ·02 | ·14 | ·19 | – | – | – | ·22 | – | ·94 | ·33 | ·18 | ·15 | | 16 |
| 17 | – | – | ·42 | ·32 | ·65 | – | ·05 | – | ·02 | – | ·51 | ·04 | | 17 |
| 18 | ·04 | ·18 | ·05 | ·24 | – | – | – | ·43 | ·25 | – | ·01 | ·28 | | 18 |
| 19 | – | ·27 | ·14 | ·01 | – | – | ·02 | ·01 | ·26 | Tr | ·15 | ·01 | | 19 |
| 20 | – | – | – | ·36 | – | ·02 | ·14 | ·06 | ·05 | ·40 | ·06 | – | | 20 |
| 21 | – | – | ·01 | – | Tr | ·35 | ·07 | ·01 | Tr | – | ·65 | – | | 21 |
| 22 | – | – | ·06 | – | ·21 | ·15 | – | ·12 | ·10 | – | – | – | | 22 |
| 23 | Tr | ·10 | ·02 | ·13 | ·10 | – | ·09 | – | ·13 | Tr | ·17 | – | | 23 |
| 24 | ·31 | – | – | Tr | ·02 | – | – | – | ·01 | – | – | – | | 24 |
| 25 | ·01 | – | – | Tr | ·10 | – | ·07 | – | – | – | – | – | | 25 |
| 26 | ·88 | – | – | – | ·03 | ·01 | ·44 | Tr | Tr | – | ·04 | – | | 26 |
| 27 | ·40 | ·30 | – | ·20 | Tr | Tr | ·14 | – | ·02 | – | ·05 | – | | 27 |
| 28 | ·60 | ·55 | – | – | ·71 | – | – | ·02 | – | – | ·02 | – | | 28 |
| 29 | ·05 | – | ·35 | ·02 | – | ·22 | ·12 | – | – | – | – | ·02 | | 29 |
| 30 | – | ✗ | Tr | ·22 | Tr | – | – | – | – | ·27 | – | ·39 | | 30 |
| 31 | – | ✗ | ·08 | ✗ | ·03 | ✗ | – | ·05 | ✗ | ·77 | ✗ | ·21 | | 31 |
| TOTAL | 2·46 | 2·15 | 2·37 | 2·51 | 2·68 | 0·90 | 3·38 | 1·61 | 3·52 | 3·89 | ~~4·83~~ 5·83 | 2·72 | Year's Total ~~33·02~~ | 34·02 |
| * Days with .01 in. or more. | 11 | 10 | 16 | 17 | 13 | 6 | 21 | 14 | 19 | 12 | 25 | 20 | 184 | |
| * Days with .04 in. or more. | 7 | 9 | 11 | 12 | 8 | 4 | 17 | 10 | 13 | 11 | 18 | 14 | 134 | |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) ..................................................

[P.T.O.

2823/6

Section **A** for the entry

AIR MINIS

Station No. ~~2806~~ 2823/6

LL ORGANIZATION

FORM 1090

# REG

8

—

2823/6

LITHERLAND COUNCIL GDNS.

1938—40

780501

*Kept at* COUNCIL GAR

*in the County of* LANCA

Diameter of Funnel of Gauge..

Height of top of Gauge above

,, Ground ,,

**THE MORNING MEAS**

**S DAY**

*An observer who does not confo*

*year in the space on the right o*

*following*

Jan. 1, following

| Date | Jan. | Feb. | Mar. | | | | | | | | v. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | | | | | | | | | in. | † | |
| 1 | — | ·02" | — | — | — | ·99" | — | ·20" | ·23" | — | ·04" | ·18 | | 1 |
| 2 | TRACE | ·02" | — | — | TRACE | ·05" | — | — | — | ·57" | ·14" | ·13" | | 2 |
| 3 | ·01" | — | — | ·20" | — | ·03" | ·09" | — | ·16" | ·72" | ·11" | ·73" | | 3 |
| 4 | TRACE | — | — | — | — | ✗ ·06" | ·20" | — | — | ·12" | — | ✗ | | 4 |
| 5 | ·05" | ·01" | — | — | — | — | ·01" | 1·57" | ·09" | ·44" | — | ·08" | | 5 |
| 6 | ·08" | ✓ | — | — | — | — | ·41" | — | ·11" | ·13" | — | ·05" | | 6 |
| 7 | ·13" | — | TRACE | ·01" | — | — | ·30" | ·01" | — | ·20" | — | — | | 7 |
| 8 | ✗ ·40" | ·01" | — | — | — | — | ·36" | ·22" | — | ✗ ·45" | — | ·58" | | 8 |
| 9 | — | ·29" | ·04" | — | — | ·20" | ✓ ·25" | ·95" | — | — | — | ·14" | | 9 |
| 10 | ·19" | ·05" | ·02" | — | — | — | ✗ | TRACE | — | ·22" | — | ·38" | | 10 |
| 11 | ·03" | ·02" | TRACE | — | ·21" | ·04" | ·06" | — | — | ·21" | ·06" | TRACE | | 11 |
| 12 | ·02" | — | — | — | ·09" | — | — | — | ·07" | 1·09" | ✗ ·50" | ·04" | | 12 |
| 13 | ·36" | — | — | — | ·11" | — | ·07" | — | — | ·09 | ✗ | TRACE | | 13 |
| 14 | — | — | — | — | ✗ ·08" | TRACE | — | — | — | — | ·02" | — | | 14 |
| 15 | ✗ ·32 | — | ·01" | — | ✓ | — | ·14" | ·07" | — | — | ·01" | ·13" | | 15 |
| 16 | ✗ | — | ·16" | — | — | — | ✗ ·16" | — | — | ·11" | — | — | | 16 |
| 17 | TRACE | — | — | — | ·04" | — | ✗ | ·09" | ✗ ·08" | ·28" | | — | | 17 |
| 18 | TRACE | — | — | — | ·05" | — | — | ·37" | — | ·12" | ·42" | — | | 18 |
| 19 | — | — | ·09" | — | — | — | — | ·09" | ·05" | — | ✓ ·24" | TRACE | | 19 |
| 20 | ·04" | — | ✗ | — | — | — | — | ✗ ·05" | ·12" | — | ✗ | TRACE | | 20 |
| 21 | — | — | ·01" | — | — | ·02" | — | — | — | — | ·17" | — | | 21 |
| 22 | ·01" | — | — | ·02" | ·03" | ·30" | — | ·01" | — | ·05" | ·34" | ·03" | | 22 |
| 23 | ✓ | — | — | — | TRACE | ·25" | — | — | ·27" | ·01" | ·16" | — | | 23 |
| 24 | ·07" | ·07" | ·26" | — | ·11" | — | — | ·78" | — | ·12" | ·07" | — | | 24 |
| 25 | ·02" | ·10" | — | — | TRACE | ✓ ·32" | ·23" | TRACE | ·03" | ·34" | ·58" | ✗ | | 25 |
| 26 | ·12" | ✗ ·21" | ·31" | — | ·29" | ✗ | — | — | ·02" | ·49" | ✗ ·48" | ·34" ✗ | | 26 |
| 27 | ·20" | ✗ | — | — | ·42" | — | ·08" | ✗ ·39" | — | — | ✗ | — | | 27 |
| 28 | ·14" | ·02" | ·02" | — | — | ·74" | ·23" | ✗ | ·01" | — | ·01" | ·12" | | 28 |
| 29 | ·46" | — | ·02" | — | 1·10" | ·10" | ·13" | — | — | ✗ ·11" | ·10" | ·23" | | 29 |
| 30 | ·04" | ✕ | — | — | ·03" | ·06" | ·19" | — | ·35" | — | ·27" | — | d | 30 |
| 31 | ·10" | ✕ | — | ✕ | ·27" | ✕ | — | — | ✕ | ·18" | ✕ | ·52" | | 31 |
| TOTAL | 2·79" | 0·82" | 0·94" | 0·23" | 2·83" | 3·16" | 2·93" | 4·80" | 1·59" | 6·05" | 3·72" | 3·68" | Year's Total 33·54" ✓ | |
| * Days with .01 in. or more. | 21 ~~22~~ | ~~11~~ 12 | ~~11~~ 10 | 3 ✓ | 14 ✓ | ~~15~~ 14 | 18 ✓ | ~~15~~ 14 | ~~14~~ 13 | ~~23~~ 21 | 21 ✓ | ~~18~~ 16 | ~~185~~ 177 ✓ | |
| * Days with .04 in. or more. | 16 ~~17~~ | 6 ✓ | ~~6~~ 5 | 1 ✓ | ~~12~~ 11 | ~~12~~ 11 | ~~17~~ 16 | 12 ✓ | ~~11~~ 10 | ~~22~~ 20 | 18 ✓ | ~~17~~ 15 | ~~151~~ 141 ✓ | |

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) Geo. Rusbridge (?) Engineer & Surveyor

P.T.O.

2823/6

Section **A** for the entry of Daily Observations Station No. 28~~0~~6

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1938

*Kept at* COUNCIL GARDENS LITHERLAND

*in the County of* LANCASTER

Diameter of Funnel of Gauge 5" in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 58·75 ft.

✓ W.E.R.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | — | ·02" | — | — | — | ·99" | — | ·20" | ·23" | — | ·04" | ·18 | | 1 |
| 2 | TRACE | ·02" | — | — | TRACE | ·05" | — | — | — | ·57" | ·14" | ·13" | | 2 |
| 3 | ·01" | — | — | ·20" | — | ·03" | ·09" | — | ·16" | ·72" | ·11" | — ·73 | | 3 |
| 4 | TRACE | — | — | — | — | ✗ ·06" | ·20" | — | — | ·12" | — | ✗ | | 4 |
| 5 | ·05" | — ·01" | — | — | — | — | ·01" | 1·57" | ·09" | ·44" | — | ·08" | | 5 |
| 6 | ·08" | ✓ | — | — | — | — | ·41" | — | ·11" | ·13" | — | ·05" | | 6 |
| 7 | ·13" | — | TRACE | ·01" | — | — | ·30" | ·01" | — | ·20" | — | — | | 7 |
| 8 | ✗ ·40" | ·01" | — | — | — | — | ·36" | ·22" | — | ✗ ·45" | — | ·58" | | 8 |
| 9 | — | ·29" | ·04" | — | — | ·20" | ✓ ·25" | ·95" | — | — | — | ·14" | | 9 |
| 10 | ·19" | ·05" | ·02" | — | — | — | ✗ | TRACE | — | ·22" | — | ·38" | | 10 |
| 11 | ·03" | ·02" | TRACE | — | ·21" | ·04" | ·06" | — | — | ·21" | ·06" | TRACE | | 11 |
| 12 | ·02" | — | — | — | ·09" | — | — | — | ·07" | 1·09" | ✗ ·50" | ·04" | | 12 |
| 13 | ·36" | — | — | — | ·11" | — | ·07" | — | — | ·09" | ✗ | TRACE | | 13 |
| 14 | — | — | — | — | ✗ ·08" | TRACE | — | — | — | — | ·02" | — | | 14 |
| 15 | ✗ ·32 | — | ·01" | — | ✓ | — | ·14" | ·07" | — | — | ·01" | ·13" | | 15 |
| 16 | ✗ | — | ·16" | — | — | — | ✗ ·16" | — | — | ·11" | — | — | | 16 |
| 17 | TRACE | — | — | — | ·04" | — | ✗ | ·09" | ✗ ·08" | ·28" | — | — | | 17 |
| 18 | TRACE | — | — | — | ·05" | — | — | ·37" | — | ·12" | ·42" | — | | 18 |
| 19 | — | — | — ·09" | — | — | — | — | ·09" | ·05" | — | ✓ ·24" | TRACE | | 19 |
| 20 | ·04" | — | ✗ | — | — | — | — | ✗ ·05" | ·12" | — | ✗ | TRACE | | 20 |
| 21 | — | — | ·01" | — | — | ·02" | — | — | — | — | ·17" | — | | 21 |
| 22 | — ·01" | — | — | ·02" | ·03" | ·30" | — | ·01" | — | ·05" | ·34" | ·03" | | 22 |
| 23 | ✓ | — | — | — | TRACE | ·25" | — | — | ·27" | ·01" | ·16" | — | | 23 |
| 24 | ·07" | ·07" | ·26" | — | ·11" | — | — | ·78" | — | ·12" | ·07" | — | | 24 |
| 25 | ·02" | ·10" | — | — | TRACE | ✓ ·32" | ·23" | TRACE | ·03" | ·34" | ·58" | ✗ ·34" | | 25 |
| 26 | ·12" | ✗ ·21" | ·31" | — | ·29" | ✗ | — | — | ·02" | ·49" | ✗ ·48" | ✗ | | 26 |
| 27 | ·20" | ✗ | — | — | ·42" | — | ·08" | ✗ ·39" | — | — | ✗ | — | | 27 |
| 28 | ·14" | ·02" | ·02" | — | — | ·74" | ·23" | ✗ | ·01" | — | ·01" | ·12" | | 28 |
| 29 | ·46" | — | ·02" | — | 1·10" | ·10" | ·13" | — | — | ✗ ·11" | ·10" | ·23" | d | 29 |
| 30 | ·04" | | — | — | ·03" | ·06" | ·19" | — | ·35" | — | ·27" | — | | 30 |
| 31 | ·10" | | — | | ·27" | | — | — | | ·18" | | ·52" | | 31 |
| TOTAL | 2·79" | 0·82" | 0·94" | 0·23" | 2·83" | 3·16" | 2·93" | 4·80" | 1·59" | 6·05" | 3·72" | 3·68" | Year's Total 33·54" | ✓ |
| * Days with .01 in. or more. | 21 ~~22~~ | ~~11~~ 12 | ~~11~~ 10 | 3 ✓ | 14 ✓ | ~~15~~ 14 | 18 ✓ | ~~15~~ 14 | ~~14~~ 13 | ~~23~~ 21 | 21 ✓ | ~~18~~ 16 | ~~185~~ | 177 ✓ |
| * Days with .04 in. or more. | 16 ~~17~~ | 6 ✓ | ~~6~~ 5 | 1 ✓ | ~~12~~ 11 | ~~8~~ 11 | ~~17~~ 16 | 12 ✓ | ~~11~~ 10 | ~~22~~ 20 | 18 ✓ | ~~17~~ 15 | ~~151~~ | 141 ✓ |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) Geo. [illegible]
Engineer & Surveyor

P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 2823/6

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1939

Kept at Council Gardens Litherland

in the County of Lancaster

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" Ground " Sea Level 58·75 ft.

Ans ✓
Totals ✓

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | ·53 | – | ·09 | – | – | – | ·03 | – | ·28 | Trace | – | Trace | | 1 |
| 2 | ·05 | – | ·03 | ·48 | – | – | ·19 | ·50 | | – | – | ·75 | | 2 |
| 3 | ·18 | – | ·09 | | – | – | – | ·20 | – | – | ·03 | | | 3 |
| 4 | ·23 | – | ·15 | ·18 | ·11 | – | ·29 | – | ·16 | ·09 | ·43 | ·45 | | 4 |
| 5 | – | – | | ·25 | ·21 | – | ·33 | – | | ·19 | | Trace | | 5 |
| 6 | ·73 | ·11 | – | – | ·03 | – | ·34 | – | – | ·19 | ·04 | ·40 | | 6 |
| 7 | ·09 | ·29 | ·24 | – | | – | ·10 | ·03 | – | | ·07 | ·16 | | 7 |
| 8 | | ·19 | – | – | – | – | ·65 | ·01 | – | ·33 | ·20 | Trace | | 8 |
| 9 | ·04 | ·08 | – | ·02 | – | – | – | ·36 | ·24 | – | ·02 | ·65 | | 9 |
| 10 | ·39 | Trace | Trace | | – | ·17 | – | ·02 | | ·49 | Trace | | | 10 |
| 11 | ·28 | ·09 | ·24 | ·01 | – | | – | – | – | ·03 | ·02 | Trace | | 11 |
| 12 | ·59 | | | – | – | ·09 | – | – | – | – | ·01 | Trace | | 12 |
| 13 | Trace | ·01 | – | ·27 | ·27 | ·23 | ·17 | – | ·25 | ·04 | ·10 | – | | 13 |
| 14 | ·68 | ·03 | ·01 | – | | ·64 | ·34 | – | – | | ·43 | – | | 14 |
| 15 | | – | – | ·15 | ·05 | ·66 | ·50 | – | – | ·08 | ·31 | – | | 15 |
| 16 | ·02 | – | Trace | | ·30 | – | | – | – | ·58 | ·01 | – | | 16 |
| 17 | ·48 | ·02 | ·09 | – | Trace | ·26 | – | – | – | Trace | ·02 | – | | 17 |
| 18 | ·19 | ·11 | ·02 | – | ·25 | | ·06 | – | – | – | ·68 | – | | 18 |
| 19 | ·20 | | | – | – | – | ·26 | – | – | – | | – | | 19 |
| 20 | ·15 | Trace | ·06 | – | ·01 | ·07 | ·16 | ·01 | – | ·03 | ·44 | – | | 20 |
| 21 | | ·01 | ·24 | ·02 | | – | Trace | ·14 | ·10 | | ·14 | – | | 21 |
| 22 | ·03 | ·66 | – | ·18 | – | – | ·28 | – | – | ·38 | ·40 | – | | 22 |
| 23 | Trace | ·21 | ·04 | | – | ·15 | | – | – | ·11 | Trace | – | | 23 |
| 24 | ·04 | ·12 | – | ·01 | – | – | ·03 | – | – | ·03 | ·81 | – | | 24 |
| 25 | Trace | ·06 | – | ·32 | – | Trace | – | – | – | – | | – | | 25 |
| 26 | ·02 | | – | – | – | – | ·11 | – | – | – | ·12 | Trace | | 26 |
| 27 | – | – | ·04 | – | – | ·24 | – | – | – | – | ·55 | ·21 | | 27 |
| 28 | – | – | ·09 | ·06 | – | ·05 | ·47 | – | – | – | ·09 | – | | 28 |
| 29 | – | – | – | – | – | ·04 | 1·05 | ·10 | – | ·57 | ·03 | – | | 29 |
| 30 | – | | – | – | – | – | | – | – | – | – | – | | 30 |
| 31 | – | | – | | – | | ·03 | – | | – | | – | | 31 |
| TOTAL | 4·92 | 2·62 | 1·43 | 1·95 | 1·25 | 2·60 | 5·38 | 1·37 | 1·03 | 2·62 | 4·95 | 2·62 | Year's Total 32·74 | |
| * Days with .01 in. or more. | 22 | 17 | ~~17~~ 18 | 16 | 10 | 13 | ~~23~~ 22 | 9 | ~~8~~ 7 | 17 | 25 | 8 | 184 | |
| * Days with .04 in. or more. | 19 | 12 | ~~13~~ 14 | 11 | 7 | 13 | ~~21~~ 19 | 5 | ~~8~~ 5 | 12 | 18 | 8 | 143 | |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(Signed) Geo Ponsford.
Engineer & Surveyor. Litherland U.D.C.

[P.T.O.

282316

## COPY FOR OFFICIAL USE

**Section** A **for the entry of Daily Observations**

**Station No.** ~~2806~~

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 19~~3~~40

*Kept at* COUNCIL GARDENS LITHERLAND
*in the County of* LANCASTER
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
,, Ground ,, Sea Level 58·75 ft.

Jan 26th to 31st est'd for snow

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·08 | - | - | - | - | - | - | - | ·07 | - | ·26 | ·02 | | 1 |
| 2 | - | - | - | ·28 | - | - | - | - | - | - | ·29 | ·22 | | 2 |
| 3 | - | ·10 | - | ·10 | - | - | - | - | - | - | | - | | 3 |
| 4 | - | | - | - | ·18 | - | ·07 | - | - | TRACE | - | TRACE | | 4 |
| 5 | - | ·29 | - | TRACE | | - | - | - | - | 1·35 | ·35 | ·20 | | 5 |
| 6 | - | | - | ·12 | ·05 | - | ·12 | - | - | | TRACE | - | | 6 |
| 7 | ·10 | ·21 | - | | - | - | - | ·03 | ·44 | ·15 | ·09 | ·53 | | 7 |
| 8 | TRACE | - | - | - | - | - | - | - | | ·21 | TRACE | | | 8 |
| 9 | TRACE | - | ·28 | - | - | - | ·50 | ·04 | - | ·66 | 1·38 | TRACE | | 9 |
| 10 | - | - | | - | - | - | ·64 | - | - | ·17 | | - | | 10 |
| 11 | - | - | ·10 | ·04 | - | ·01 | ·25 | ·03 | - | - | 1·19 | - | | 11 |
| 12 | - | - | ·20 | - | - | ·05 | ·61 | | - | - | ·20 | ·25 | | 12 |
| 13 | - | TRACE | - | ·10 | - | - | - | - | TRACE | - | ·08 | | | 13 |
| 14 | - | - | ·28 | | ·90 | - | - | - | TRACE | TRACE | ·05 | ·27 | | 14 |
| 15 | - | - | ·01 | ·01 | | - | - | - | ·11 | - | TRACE | | | 15 |
| 16 | - | - | TRACE | - | - | - | ·17 | - | ·59 | ·35 | ·61 | - | | 16 |
| 17 | - | ·65 | ·72 | ·02 | - | - | - | ·45 | - | - | | TRACE | | 17 |
| 18 | ·05 | | ·07 | ·20 | - | - | - | | ·30 | TRACE | - | ·36 | | 18 |
| 19 | - | ·20 | ·17 | ·01 | - | - | ·50 | - | ·10 | ·40 | - | - | | 19 |
| 20 | - | TRACE | - | ·21 | - | - | | - | - | | ·02 | - | | 20 |
| 21 | - | - | - | | ·02 | ·27 | - | - | ·33 | TRACE | ·77 | - | | 21 |
| 22 | - | TRACE | - | TRACE | ·17 | ·20 | - | ·09 | | - | - | - | | 22 |
| 23 | ·10 | ·05 | ·03 | ·19 | - | | ·16 | - | - | - | TRACE | - | | 23 |
| 24 | ·24 | - | - | ·01 | ·02 | - | - | - | ·03 | - | ·13 | - | | 24 |
| 25 | ·01 | - | - | TRACE | ·20 | - | - | - | - | - | TRACE | - | | 25 |
| 26 | ~~·10~~ | ·11 | - | - | | - | ·31 | - | TRACE | - | - | - | | 26 |
| 27 | - | ·45 | - | - | - | - | - | - | - | - | ·02 | - | | 27 |
| 28 | (1·90) | ·21 | - | - | ·45 | - | - | - | - | - | - | ·53 | | 28 |
| 29 | - | - | ·35 | - | - | ·14 | ·03 | - | - | ·02 | - | | | 29 |
| 30 | - | ✗ | - | ·18 | ·03 | | - | - | - | ·20 | - | ·03 | | 30 |
| 31 | ~~·13~~ | ✗ | ·08 | ✗ | ·02 | ✗ | - | - | ✗ | ·70 | ✗ | - | | 31 |
| TOTAL | ~~·81~~ 2·48 | 2·27 | 2·29 | 1·47 | 2·04 | ·67 | 3·36 | ·64 | 1·97 | 4·21 | 5·43 | 2·41 | Year's Total ~~27·57~~ | 29·24 |
| * Days with .01 in. or more. | ~~8~~ 10 | ~~12~~ 10 | 12 | ~~16~~ 14 | ~~13~~ 12 | ~~X~~ 5 | ~~13~~ 12 | ~~4~~ 5 | 9 | 12 | 17 | ~~13~~ 12 | ~~136~~ " | 139 d" |
| * Days with .04 in. or more. | ~~7~~ 9 | ~~13~~ 10 | ~~10~~ 9 | ~~12~~ 9 | ~~7~~ 8 | ~~6~~ 4 | ~~12~~ 11 | 7 | ~~10~~ 8 | ~~11~~ 10 | ~~15~~ 14 | ~~7~~ 9 | ~~122~~ " | 109 |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) E. W. Parsford

[P.T.O.

2824

2824

LEIGH SEWAGE WORKS
1931 — 40

780501

Section **A** for the entry

AIR MINIST

COPY FOR OFFICIAL USE.

L ORGANIZATION.

FORM 1090.

**REGI**

*Kept at* LEIGH SEW

*in the County of* LANC.

Diameter of Funnel of Gauge

Height of top of Gauge above Gro

,, Ground ,, Sea

**THE MORNING MEA**

*An observer who does not conform*
*year in the space on the right of*

*following*

Jan. 1, following

| Date | Jan. | Feb. | March | | | | | | | | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | | | | | | | | in. | in. | |
| 1 | ·20 | | | ·07 | | | | | ·03 | ·05 | | | 1 |
| 2 | | ·05 | | ·59 | ·04 | ·70 | | | ·57 | ·01 | ·04 | ·03 | 2 |
| 3 | ·01 | | | ·03 | | ·14 | ·22 | | ·60 | ·01 | 1·05 | ·30 | 3 |
| 4 | | | | ·26 | | | ·05 | ·20 | ·18 | ·01 | ·01 | ·19 | 4 |
| 5 | | ·07 | | | ·08 | 1·06 | ·18 | 1·37 | ·02 | | | ·24 | 5 |
| 6 | | ·27 | | | ·01 | ·29 | ·04 | ·02 | ·09 | ·55 | ·20 | | 6 |
| 7 | | ·02 | | | | ·39 | | ·58 | | ·10 | ·04 | ·05 | 7 |
| 8 | ·03 | ·08 | | ·11 | | ·02 | ·14 | ·45 | | | ·18 | ·05 | 8 |
| 9 | ·11 | ·38 | | ·18 | ·01 | ·09 | ·01 | ·35 | ·07 | ·01 | ·15 | ·06 | 9 |
| 10 | ·03 | ·05 | | | ·10 | ·37 | | ·09 | ·03 | | ·22 | ·02 | 10 |
| 11 | ·42 | ·29 | | | | | ·08 | ·01 | ·40 | | ·27 | ·01 | 11 |
| 12 | ·06 | ·08 | | | | | ·15 | ·04 | ·06 | ·16 | ·10 | | 12 |
| 13 | | | ·08 | | ·03 | ·03 | ·18 | ·70 | | | | | 13 |
| 14 | ·04 | ·14 | | | ·03 | 1·23 | ·11 | ·90 | ·05 | | ·66 | ·01 | 14 |
| 15 | ·20 | ·32 | | ·14 | ·10 | | ·10 | ·30 | | ·01 | | ·10 | 15 |
| 16 | ·22 | ·08 | | ·23 | ·42 | ·16 | ·07 | ·87 | ·32 | | | | 16 |
| 17 | ·11 | ·01 | | ·15 | ·19 | ·02 | ·13 | ·30 | ·02 | | ·16 | | 17 |
| 18 | ·29 | | | ·01 | | ·46 | ·58 | ·13 | ·02 | | ·65 | | 18 |
| 19 | ·18 | ·18 | | | | ·02 | ·10 | 1·14 | | ·01 | | ·01 | 19 |
| 20 | ·02 | ·22 | ·06 | | | ·05 | ·06 | ·26 | | | ·06 | ·01 | 20 |
| 21 | ·05 | ·04 | ·08 | | ·10 | | ·01 | ·11 | | | ·04 | | 21 |
| 22 | ·10 | ·04 | | ·07 | ·06 | | ·01 | | | | ·09 | | 22 |
| 23 | ·35 | | | ·03 | ·23 | ·17 | ·23 | | | | ·32 | ·24 | 23 |
| 24 | ·05 | ·05 | | ·03 | ·35 | | | | | | ·01 | ·10 | 24 |
| 25 | ·18 | ·64 | | ·46 | ·09 | | ·01 | | | | ·01 | ·08 | 25 |
| 26 | | ·10 | | ·13 | | | ·01 | | | | ·62 | ·02 | 26 |
| 27 | ·34 | ·13 | | ·03 | ·20 | | ·12 | | | ·28 | ·99 | ·03 | 27 |
| 28 | ·34 | ·30 | | ·04 | ·36 | | ·01 | | | | | ·20 | 28 |
| 29 | ·12 | | | | ·05 | | ·06 | | | ·70 | ·04 | ·02 | 29 |
| 30 | | × | | | | | | | ·13 | | ·01 | | 30 |
| 31 | ·27 | × | | × | | × | ·08 | | × | | × | | 31 |
| TOTAL | 3·72 | 3·54 | ·22 | 2·56 | 2·45 | 5·20 | 2·74 | 7·82 | 2·59 | 1·90 | 5·92 | 1·77 | YEAR'S TOTAL<br>40·43 |
| *Days with ·01 in. or more. | 23 | 22 | 3 | 17 | 18 | 16 | 25 | 18 | 15 | 12 | 23 | 20 | 212 |
| *Days with ·04 in. or more. | 19 | 20 | 3 | 12 | 14 | 12 | 19 | 16 | 10 | 6 | 19 | 11 | 161 |

40-9999

*(Signed)* D. Shedoth

P.T.O.

*See Instruction 2 (*f*) on other side.

2824

Section **A** for the entry of Daily Observations. COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1931.

*Kept at* LEIGH SEWAGE WORKS

*in the County of* LANCASHIRE

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. - in.

" Ground " Sea Level 67 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.** ✓

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·20 | | | ·07 | | | | | ·03 | ·05 | | | 1 |
| 2 | | ·05 | | ·59 | ·04 | ·70 | | | ·57 | ·01 | ·04 | ·03 | 2 |
| 3 | ·01 | | | ·03 | | ·14 | ·22 | | ·60 | ·01 | 1·05 | ·30 | 3 |
| 4 | | | | ·26 | | | ·05 | ·20 | ·18 | ·01 | ·01 | ·19 | 4 |
| 5 | | ·07 | | | ·08 | 1·06 | ·18 | 1·37 | ·02 | | | ·24 | 5 |
| 6 | | ·27 | | | ·01 | ·29 | ·04 | ·02 | ·09 | ·55 | ·20 | | 6 |
| 7 | | ·02 | | | | ·39 | | ·58 | | ·10 | ·04 | ·05 | 7 |
| 8 | ·03 | ·08 | | ·11 | | ·02 | ·14 | ·45 | | | ·18 | ·05 | 8 |
| 9 | ·11 | ·38 | | ·18 | ·01 | ·09 | ·01 | ·35 | ·07 | ·01 | ·15 | ·06 | 9 |
| 10 | ·03 | ·05 | | | ·10 | ·37 | | ·09 | ·03 | | ·22 | ·02 | 10 |
| 11 | ·42 | ·29 | | | | | ·08 | ·01 | ·40 | | ·27 | ·01 | 11 |
| 12 | ·06 | ·08 | | | | | ·15 | ·04 | ·06 | ·16 | ·10 | | 12 |
| 13 | | | ·08 | | ·03 | ·03 | ·18 | ·70 | | | | | 13 |
| 14 | ·04 | ·14 | | | ·03 | 1·23 | ·11 | ·90 | ·05 | | ·66 | ·01 | 14 |
| 15 | ·20 | ·32 | | ·14 | ·10 | | ·10 | ·30 | | ·01 | | ·10 | 15 |
| 16 | ·22 | ·08 | | ·23 | ·42 | ·16 | ·07 | ·87 | ·32 | | | | 16 |
| 17 | ·11 | ·01 | | ·15 | ·19 | ·02 | ·13 | ·30 | ·02 | | ·16 | | 17 |
| 18 | ·29 | | | ·01 | | ·46 | ·58 | ·13 | ·02 | | ·65 | | 18 |
| 19 | ·18 | ·18 | | | | ·02 | ·10 | 1·14 | | ·01 | | ·01 | 19 |
| 20 | ·02 | ·22 | ·06 | | | ·05 | ·06 | ·26 | | | ·06 | ·01 | 20 |
| 21 | ·05 | ·04 | ·08 | | ·10 | | ·01 | ·11 | | | ·04 | | 21 |
| 22 | ·10 | ·04 | | ·07 | ·06 | | ·01 | | | | ·09 | | 22 |
| 23 | ·35 | | | ·03 | ·23 | ·17 | ·23 | | | | ·32 | ·24 | 23 |
| 24 | ·05 | ·05 | | ·03 | ·35 | | | | | | ·01 | ·10 | 24 |
| 25 | ·18 | ·64 | | ·46 | ·09 | | ·01 | | | | ·01 | ·08 | 25 |
| 26 | | ·10 | | ·13 | | | ·01 | | | | ·62 | ·02 | 26 |
| 27 | ·34 | ·13 | | ·03 | ·20 | | ·12 | | | ·28 | ·99 | ·03 | 27 |
| 28 | ·34 | ·30 | | ·04 | ·36 | | ·01 | | | | | ·20 | 28 |
| 29 | ·12 | | | | ·05 | | ·06 | | | ·70 | ·04 | ·02 | 29 |
| 30 | | × | | | | | | | ·13 | | ·01 | | 30 |
| 31 | ·27 | × | | × | | × | ·08 | | × | | × | | 31 |
| TOTAL | 3·72 | 3·54 | ·22 | 2·56 | 2·45 | 5·20 | 2·74 | 7·82 | 2·59 | 1·90 | 5·92 | 1·77 | YEAR'S TOTAL 40·43 |
| *Days with ·01 in. or more. | 23 | 22 | 3 | 17 | 18 | 16 | 25 | 18 | 15 | 12 | 23 | 20 | 212 |
| *Days with ·04 in. or more. | 19 | 20 | 3 | 12 | 14 | 12 | 19 | 16 | 10 | 6 | 19 | 11 | 161 |

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*See Instruction 2 (*f*) on other side.

(Signed)

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No 2824

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1932.

*Kept at* LEIGH
*in the County of* Lancashire
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft – in.
,, Ground ,, Sea Level 67 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·04 | | | ·33 | ·09 | | ·07 | ·03 | ·20 | ·05 | ·08 | ·14 | 1 |
| 2 | ·70 | | | | ·22 | | ·06 | ·02 | ·81 | ·30 | ·04 | ·41 | 2 |
| 3 | | | | ·06 | | | ·15 | | ·20 | ·02 | ·02 | ·09 | 3 |
| 4 | ·01 | | | ·01 | | | ·20 | ·01 | | ·13 | ·17 | ·03 | 4 |
| 5 | ·88 | ·01 | ·15 | ·11 | ·06 | | | ·01 | ·09 | | ·01 | | 5 |
| 6 | ·96 | | ·07 | ·30 | | | ·01 | | ·20 | | | | 6 |
| 7 | ·04 | | ·34 | ·10 | | | | | ·48 | ·54 | | | 7 |
| 8 | ·01 | | | ·08 | | | | | ·04 | ·58 | | | 8 |
| 9 | ·09 | | | ·21 | ·11 | | | | ·07 | | | ·02 | 9 |
| 10 | ·39 | ·01 | | ·01 | ·01 | | | | ·43 | ·45 | | | 10 |
| 11 | ·02 | | | ·02 | ·35 | ·04 | ·78 | | | | ·03 | | 11 |
| 12 | ·21 | | | | ·27 | | ·30 | ·04 | ·06 | ·50 | | | 12 |
| 13 | | | | ·02 | ·18 | | ·36 | ·03 | ·18 | ·30 | | ·24 | 13 |
| 14 | ·10 | | | ·05 | | | ·51 | ·06 | | ·17 | ·14 | ·07 | 14 |
| 15 | | | | ·01 | ·49 | | ·03 | | | ·12 | ·03 | | 15 |
| 16 | ·16 | | | | | | | | | ·03 | | | 16 |
| 17 | | | | | | | ·17 | ·01 | ·05 | ·34 | | ·08 | 17 |
| 18 | | | | | ·03 | | ·01 | | ·01 | ·01 | | | 18 |
| 19 | | ·01 | | ·15 | ·03 | | ·02 | | | ·26 | ·02 | | 19 |
| 20 | | | | ·16 | ·46 | | ·03 | ·39 | | ·17 | ·15 | ·03 | 20 |
| 21 | ·04 | | ·21 | ·02 | ·30 | | ·01 | ·27 | | ·52 | ·10 | | 21 |
| 22 | | | ·12 | ·14 | ·14 | | ·02 | | | ·08 | ·76 | ·02 | 22 |
| 23 | | ·01 | ·01 | ·07 | ·73 | | ·06 | | | ·27 | ·24 | ·05 | 23 |
| 24 | ·06 | | | | | ·01 | ·32 | | ·21 | ·01 | ·34 | | 24 |
| 25 | ·01 | ·01 | | ·05 | ·05 | ·01 | ·02 | | ·28 | 1·39 | ·14 | ·01 | 25 |
| 26 | ·01 | | | ·14 | ·28 | | ·23 | | | ·63 | ·10 | | 26 |
| 27 | | | ·36 | ·22 | | ·20 | ·17 | | | ·01 | ·15 | ·07 | 27 |
| 28 | | | ·06 | ·11 | ·40 | | ·27 | | | | | ·03 | 28 |
| 29 | ·05 | | ·47 | ·39 | ·02 | ·09 | ·04 | ·12 | ·13 | ·73 | ·28 | ·18 | 29 |
| 30 | | X | ·11 | ·02 | | ·19 | ·23 | ·03 | ·14 | ·37 | ·40 | ·06 | 30 |
| 31 | | X | ·07 | X | ·01 | X | ·11 | ·02 | X | ·01 | X | ·05 | 31 |
| TOTAL | 3·81 | ·05 | 1·97 | 2·78 | 4·23 | ·54 | 4·18 | 1·04 | 3·58 | 7·99 | 3·20 | 1·58 | YEAR'S TOTAL 34·95 |
| *Days with ·01 in. or more. | 18 | 5 | 11 | 24 | 20 | 6 | 25 | 13 | 17 | 26 | 19 | 17 | 201 |
| *Days with .04 in. or more. | 13 | - | 10 | 14 | 15 | 4 | 17 | 5 | 16 | 20 | 14 | 11 | 147 |

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*See Instruction 2 (*f*) on other side.

(*Signed*) D Ledson

P.T.O.

COPY FOR OFFICIAL USE.

**Section** **A** **for the entry of Daily Observations.** **Station No.** 2824

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1933.

*Kept at* Leith

*in the County of* Lancs

Diameter of Funnel of Gauge 5" in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 64 ft.

Days

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | ·02 | ·22 | ·09 | | | | | | ·01 | | ·16 | | | 1 |
| 2 | ·25 | | ·18 | ·15 | ·01 | ·11 | | ·03 | | | | | | 2 |
| 3 | | ·47 | ·17 | | ·38 | | | | | | | | | 3 |
| 4 | ·32 | ·03 | ·13 | | ·10 | | | | | | | | | 4 |
| 5 | ·13 | ·04 | ·03 | | ·02 | | | | | | | | | 5 |
| 6 | | ·15 | ·15 | | ·11 | | | | | | | | | 6 |
| 7 | ·06 | ·35 | | | ·04 | | ·43 | ·02 | | ·71 | | | | 7 |
| 8 | ·15 | ·03 | ·13 | ·11 | ·04 | | ·30 | | | | ·01 | ·03 | | 8 |
| 9 | | ·09 | | ·04 | ·05 | ·01 | ·63 | ·02 | | ·34 | ·09 | | | 9 |
| 10 | ·04 | ·12 | | | ·04 | ·02 | ·06 | | | 1·14 | ·02 | | | 10 |
| 11 | ·01 | | | ·04 | | | ·48 | | | ·18 | | | | 11 |
| 12 | ·01 | ·02 | | | | | ·28 | | | ·14 | ·01 | ·10 | | 12 |
| 13 | ·02 | | | | ·15 | ·08 | ·21 | | | ·10 | ·15 | | | 13 |
| 14 | ·05 | | ·01 | | ·01 | ·02 | ·02 | ·03 | | ·03 | ·28 | | | 14 |
| 15 | ·20 | | ·02 | | | | | ·02 | | ·26 | ·18 | ·02 | | 15 |
| 16 | ·12 | ·03 | ·13 | | ·03 | ·13 | | | | ·18 | | | | 16 |
| 17 | ·01 | | ·69 | ·08 | | ·52 | | ·22 | ·05 | ·03 | | ·02 | | 17 |
| 18 | ·06 | | ·20 | | ·17 | 1·07 | | ·01 | | | | | | 18 |
| 19 | ·01 | | ·19 | ·01 | | ·21 | ·11 | ·02 | ·13 | | ·10 | ·01 | | 19 |
| 20 | | ·11 | ·01 | | ·18 | ·10 | | ·22 | | | | | | 20 |
| 21 | | | | | | ·07 | | ·26 | ·01 | | | | | 21 |
| 22 | | | | | | ·01 | | ·07 | | ·07 | ·01 | | | 22 |
| 23 | | | | ·16 | | ·30 | | | ·07 | ·09 | | | | 23 |
| 24 | | ·16 | | ·16 | ·08 | ·16 | | | ·55 | | | | | 24 |
| 25 | | ·52 | | ·04 | | | | | ·19 | | | ·07 | | 25 |
| 26 | | ·40 | | ·30 | | | | | | ·28 | | | | 26 |
| 27 | | ·02 | | | ·11 | | | | ·01 | | | | | 27 |
| 28 | | | | ·05 | | ·03 | ·07 | ·08 | | ·04 | | | | 28 |
| 29 | | | | | | ·03 | ·18 | | | | | ·08 | | 29 |
| 30 | ·07 | X | ·03 | ·04 | ·04 | | ·07 | | | ·16 | | ·16 | | 30 |
| 31 | ·40 | X | ·04 | X | | X | ·02 | ·04 | X | ·32 | X | ·02 | | 31 |
| TOTAL | 1·96 | 2·76 | 2·20 | 1·18 | 1·56 | 2·87 | 2·86 | 1·04 | 1·02 | 4·23 | 1·01 | ·51 | Year's Total<br>23·20 | |
| *Days with ·01 in. or more. | 18 | 16 | 16 | 12 | 17 | 16 | 13 | 13 | 8 | 16 | 10 | 9 | 164 | |
| *Days with .04 in. or more. | 12 | 11 | 11 | 11 | 13 | 10 | 11 | 6 | 15 | 14 | 6 | 4 | 114 | |

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*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*)

[P.T.O.

COPY FOR OFFICIAL USE.

**Section** **A** **for the entry of Daily Observations.** **Station No.** 2824

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1934.

*Kept at* Leigh Sewage Wks.

*in the County of* Lancs

Diameter of Funnel of Gauge 5" in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 67 ft.

Days ✓

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·18 | | | | | | | ·05 | ·17 | | ·23 | ·46 | | 1 |
| 2 | ·01 | ·02 | ·14 | | ·01 | | | ·49 | ·03 | | ·22 | ·31 | | 2 |
| 3 | ·09 | | | | | | | ·14 | | ·12 | ·05 | ·08 | | 3 |
| 4 | ·17 | | ·07 | | ·11 | | | ·06 | ·01 | 1·10 | | ·97 | | 4 |
| 5 | ·01 | | ·05 | | ·04 | | | ·53 | | ·09 | | ·07 | | 5 |
| 6 | | | ·05 | ·02 | ·45 | ·07 | | ·03 | | ·20 | | ·35 | | 6 |
| 7 | ·31 | ·02 | ·10 | ·03 | | | | | | ·03 | ·15 | ·23 | | 7 |
| 8 | | | | | ·09 | ·23 | | ·01 | | ·15 | ·62 | ·01 | | 8 |
| 9 | | | ·21 | | | | | ·11 | | ·01 | ·31 | | | 9 |
| 10 | | ·02 | ·32 | ·15 | | | | ·15 | | ·17 | ·02 | ·10 | | 10 |
| 11 | ·01 | | ·06 | ·38 | | | | ·21 | | | ·03 | ·04 | | 11 |
| 12 | | | | ·06 | | | | ·02 | | ·05 | | | | 12 |
| 13 | ·30 | | | ·04 | ·04 | | ·07 | ·03 | | ·07 | | | | 13 |
| 14 | ·27 | | ·08 | | ·05 | ·02 | | | | ·24 | ·05 | ·03 | | 14 |
| 15 | ·11 | ·02 | ·25 | | ·69 | | | ·11 | ·02 | ·08 | | ·25 | | 15 |
| 16 | ·37 | | ·07 | | ·18 | | | | | ·13 | | ·09 | | 16 |
| 17 | ·16 | | ·25 | ·05 | ·20 | | ·39 | | ·35 | ·05 | | ·15 | | 17 |
| 18 | ·19 | | ·06 | ·22 | ·34 | ·21 | | ·01 | | ·01 | | ·14 | | 18 |
| 19 | | | ·14 | ·01 | ·05 | ·18 | | | ·33 | ·08 | | ·03 | | 19 |
| 20 | ·01 | | ·01 | ·13 | ·17 | ·11 | | | ·17 | ·03 | | | | 20 |
| 21 | ·03 | | ·06 | | | ·32 | | ·03 | ·19 | ·07 | | | | 21 |
| 22 | ·03 | | ·04 | | | | | ·27 | ·26 | ·10 | | ·04 | | 22 |
| 23 | | | ·09 | | ·01 | | ·25 | ·11 | | ·15 | ·03 | ·10 | | 23 |
| 24 | | ·23 | ·04 | ·16 | | ·08 | | | ·11 | ·09 | | | | 24 |
| 25 | ·04 | | | ·15 | ·03 | | ·04 | | ·12 | ·18 | | ·43 | | 25 |
| 26 | ·04 | | ·01 | ·05 | | ·07 | ·08 | | ·09 | ·01 | | ·04 | | 26 |
| 27 | | | ·01 | | | ·09 | ·15 | | | ·14 | ·02 | ·31 | | 27 |
| 28 | | | | ·07 | | ·13 | ·06 | ·70 | ·11 | ·15 | | ·64 | | 28 |
| 29 | ·02 | | | | | | ·06 | ·01 | ·19 | 1·01 | | ·06 | | 29 |
| 30 | ·09 | × | | | | | ·03 | ·10 | ·12 | ·17 | | ·02 | | 30 |
| 31 | | × | | × | | × | ·27 | ·08 | × | ·06 | × | ·12 | | 31 |
| | | | | | | | | | | | | | Year's Total | |
| TOTAL | 2·44 | ·31 | 2·11 | 1·42 | 2·46 | 1·51 | 1·40 | 3·25 | 2·27 | 4·74 | 1·73 | 5·07 | 28·71 | ✓ |
| *Days with ·01 in. or more. | 20 | 5 | 21 | 14 | 15 | 11 | 10 | 21 | 15 | 28 | 11 | 25 | 196 | |
| *Days with ·04 in. or more. | 13 | 1 | 18 | 11 | 12 | 10 | 9 | 14 | 12 | 23 | 7 | 21 | 151 | |

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*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) R. Ledsham Manager
L & A J. S. Board

[P.T.O.

COPY FOR OFFICIAL USE. /

Section **A** for the entry of Daily Observations. Station No. 2824

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1935.

*Kept at* Sewage Works Leigh

*in the County of* Lancashire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 67 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf.

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·47 | ·19 | | ·11 | | ·09 | ·09 | | ·22 | ·38 | ·15 | ·25 | | 1 |
| 2 | | ·04 | ·34 | | | ·33 | | | ·08 | ·09 | ·02 | ·13 | | 2 |
| 3 | ·07 | ·51 | ·08 | ·02 | | ·08 | ·04 | | ·46 | ·01 | ·09 | ·14 | | 3 |
| 4 | | ·03 | ·02 | ·03 | | ·20 | | | ·08 | ·13 | | | | 4 |
| 5 | | ·29 | ·08 | ·14 | | ·21 | | | ·24 | ·01 | ·23 | ·30 | | 5 |
| 6 | | | | ·07 | | ·20 | | | | | | | | 6 |
| 7 | | | | ·02 | | ·02 | | | | ·22 | ·16 | ·26 | | 7 |
| 8 | | | | ·10 | | | | | | ·07 | ·15 | ·05 | | 8 |
| 9 | ·03 | | | ·18 | | ·06 | | | | 1·98 | ·15 | | | 9 |
| 10 | | | | | | | ·04 | | | ·23 | ·14 | | | 10 |
| 11 | ·33 | ·01 | | | | ·34 | | ·01 | | ·15 | ·05 | | | 11 |
| 12 | ·03 | ·12 | | | | ·38 | | | ·02 | | | | | 12 |
| 13 | ·16 | ·02 | | ·09 | ·29 | | | | ·13 | ·06 | | | | 13 |
| 14 | | | | | | ·06 | | | ·04 | | ·87 | ·26 | | 14 |
| 15 | | ·54 | | ·40 | ·05 | | ·05 | | ·26 | ·01 | | ·45 | | 15 |
| 16 | ·02 | ·18 | ·07 | ·20 | ·09 | ·12 | ·16 | | ·72 | | ·29 | | | 16 |
| 17 | | ·02 | | ·30 | ·43 | ·31 | ·31 | ·01 | ·23 | ·03 | ·39 | | | 17 |
| 18 | | | | ·15 | ·19 | ·02 | ·07 | | ·46 | ·08 | | | | 18 |
| 19 | | | | ·27 | ·12 | ·30 | ·19 | | | ·07 | ·24 | | | 19 |
| 20 | ·01 | ·21 | | ·21 | | ·09 | ·01 | | | | ·01 | | | 20 |
| 21 | | ·22 | ·03 | | | | | | ·73 | ·08 | | ·46 | | 21 |
| 22 | | ·13 | ·01 | | | | | | ·04 | | | | | 22 |
| 23 | ·04 | ·01 | ·55 | | | | | ·09 | ·11 | ·57 | | | | 23 |
| 24 | ·29 | ·32 | ·07 | ·04 | | | | | ·95 | ·07 | | ·09 | | 24 |
| 25 | ·22 | | ·05 | | | ·12 | | | | | ·06 | ·01 | | 25 |
| 26 | | | | | | | | ·77 | ·44 | ·09 | ·19 | ·22 | | 26 |
| 27 | | ·01 | | | | ·06 | ·10 | ·01 | ·22 | ·46 | ·47 | ·03 | | 27 |
| 28 | ·02 | ·23 | | | | | | ·08 | ·16 | ·27 | ·03 | | | 28 |
| 29 | | | ·03 | | | | | ·11 | ·31 | ·15 | ·08 | ·05 | | 29 |
| 30 | ·07 | X | | ·03 | | ·28 | | ·07 | ·14 | ·30 | ·65 | ·03 | | 30 |
| 31 | ·04 | X | ·01 | X | | X | | | X | ·16 | X | ·32 | | 31 |
| TOTAL | 1·80 | 3·08 | 1·34 | 2·36 | 1·17 | 3·27 | 1·06 | 1·15 | 6·04 | 5·67 | 4·42 | 3·05 | Year's Total: 34·41 | |
| * Days with .01 in. or more. | 14 | 18 | 12 | 17 | 6 | 19 | 10 | 8 | 21 | 24 | 20 | 16 | 185 | |
| * Days with .04 in. or more. | 9 | 12 | 7 | 13 | 6 | 14 | 9 | 5 | 20 | 20 | 17 | 13 | 138 | |

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† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(*Signed*)

P.T.O.

## COPY FOR OFFICIAL USE

**Section** **A** for the entry of Daily Observations

Station No. 2824

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1936

To files

*Kept at* Leigh Sewage Works

*in the County of* Lancashire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 67' ft.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | - | ·04 | ·02 | ·19 | | ·01 | ·02 | ·39 | ·08 | | ·15 | ·32 | | 1 |
| 2 | ·08 | ·04 | | ·13 | | ·39 | | ·04 | | | ·09 | ·12 | | 2 |
| 3 | ·14 | | | | | ·13 | ·07 | ·11 | ·62 | | | ·02 | | 3 |
| 4 | ·21 | ·18 | ·22 | | | | ·03 | ·01 | ·72 | | ·20 | ·20 | | 4 |
| 5 | ·06 | ·01 | ·17 | | | ·01 | | ·46 | ·05 | | | ·27 | | 5 |
| 6 | ·03 | | | | ·02 | | ·10 | ·39 | ·66 | | ·01 | | | 6 |
| 7 | | | ·08 | | | | ·05 | | ·68 | | ·16 | | | 7 |
| 8 | ·18 | | ·23 | | | | | | ·03 | | ·47 | ·36 | | 8 |
| 9 | ·25 | | ·03 | | | | ·07 | | ·23 | | ·37 | ·05 | | 9 |
| 10 | ·02 | | | | | | ·28 | | | | ·46 | | | 10 |
| 11 | | | ·01 | | | ·10 | ·27 | ·02 | ·06 | | ·46 | | | 11 |
| 12 | | | | ·01 | ·04 | ·62 | ·31 | | ·39 | ·06 | ·05 | ·02 | | 12 |
| 13 | ·02 | | | | ·02 | | ·04 | | | ·19 | | ·35 | | 13 |
| 14 | | | | ·03 | | ·29 | ·05 | ·10 | ·31 | ·03 | ·18 | ·52 | | 14 |
| 15 | ·24 | | | ·20 | ·25 | ·03 | | ·02 | ·03 | | ·34 | ·05 | | 15 |
| 16 | ·05 | ·08 | ·04 | | ·01 | | ·07 | | | | ·75 | ·01 | | 16 |
| 17 | ·09 | ·35 | | ·01 | | | ·18 | ·16 | | ·29 | ·02 | ·08 | | 17 |
| 18 | | ·01 | | ·03 | | ·04 | ·20 | ·09 | | ·44 | | | | 18 |
| 19 | ·39 | ·14 | | ·21 | | ·40 | ·17 | ·28 | | ·03 | | | | 19 |
| 20 | ·57 | ·08 | ·05 | | | | | | | ·02 | | | | 20 |
| 21 | ·15 | | | ·07 | | ·44 | | | | ·02 | | | | 21 |
| 22 | ·11 | ·02 | ·04 | | | ·39 | ·34 | | | | | ·06 | | 22 |
| 23 | | ·02 | ·07 | ·12 | | ·01 | ·49 | | | ·03 | | | | 23 |
| 24 | ·15 | | | ·04 | ·05 | | | | ·15 | ·48 | | ·01 | | 24 |
| 25 | ·28 | | ·02 | | | | ·07 | | ·40 | ·12 | | ·02 | | 25 |
| 26 | ·05 | ·12 | ·05 | | | | ·01 | | ·26 | ·35 | | | | 26 |
| 27 | ·89 | | | | | | | | ·02 | ·49 | | | | 27 |
| 28 | ·16 | ·13 | ·11 | ·01 | | | ·11 | | | ·03 | ·03 | ·09 | | 28 |
| 29 | ·08 | ·21 | ·53 | | | ·65 | | | | ·08 | ·15 | ·03 | | 29 |
| 30 | ·16 | ✕ | | | ·10 | | ·36 | | | ·31 | ·20 | | | 30 |
| 31 | ·11 | ✕ | ·04 | ✕ | ·05 | ✕ | ·01 | | ✕ | | ✕ | | | 31 |
| | | | | | | | | | | | | | Year's Total | |
| TOTAL | 4·47 | 1·43 | 1·71 | 1·05 | ·54 | 3·51 | 3·30 | 2·07 | 4·69 | 2·97 | 4·09 | 2·58 | 32·41 | ✓ ✓ |
| * Days with .01 in. or more. | 24 | 14 | 16 | 12 | 8 | 14 | 22 | 12 | 16 | 16 | 17 | 18 | 189 | ✓ |
| * Days with .04 in. or more. | 21 | 10 | 12 | 7 | 5 | 10 | 18 | 9 | 13 | 10 | 14 | 12 | 141 | ✓ |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(Signed) J. Shedall

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 2824

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1937.

Total ✓

*Kept at* Leigh Sewage Works

*in the County of* S. Lancashire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. – in.

" Ground " Sea Level 67 ft.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following ✓

**Please read the Notes and Instructions Overleaf**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·01 | ·20 | ·12 | — | — | ·02 | ·02 | — | ·42 | ·04 | — | ·01 | | 1 |
| 2 | ·04 | ·16 | ·09 | ·15 | — | — | — | — | ·01 | ·01 | — | — | | 2 |
| 3 | — | ·22 | — | ·03 | ·08 | ·30 | ·04 | — | — | — | — | — | | 3 |
| 4 | ·18 | — | — | ·07 | ·15 | — | — | — | — | — | — | ·53 | | 4 |
| 5 | ·72 | — | ·01 | ·03 | — | ·02 | — | — | — | — | — | ·20 | | 5 |
| 6 | ·16 | — | — | ·06 | ·33 | — | — | ·36 | — | — | — | — | | 6 |
| 7 | — | ·39 | — | ·29 | ·01 | ·14 | — | — | — | — | — | — | | 7 |
| 8 | — | ·44 | — | ·04 | ·05 | ·03 | ·47 | — | — | — | ·01 | — | | 8 |
| 9 | ·01 | ·20 | ·02 | ·04 | ·21 | — | ·15 | ·20 | — | — | — | — | | 9 |
| 10 | — | ·08 | ·03 | — | — | ·05 | ·03 | — | — | — | — | ·24 | | 10 |
| 11 | — | ·03 | ·19 | — | ·51 | — | ·02 | — | — | — | — | ·01 | | 11 |
| 12 | ·02 | ·46 | ·09 | — | ·01 | ·14 | ·01 | ·40 | ·33 | — | — | ·11 | | 12 |
| 13 | — | ·14 | — | — | — | — | — | 1·28 | — | — | — | ·20 | | 13 |
| 14 | — | ·02 | ·01 | — | — | ·01 | — | ·29 | ·04 | — | ·05 | ·09 | | 14 |
| 15 | ·19 | ·26 | — | ·24 | — | — | ·39 | — | ·17 | — | — | ·02 | | 15 |
| 16 | ·02 | ·43 | ·16 | ·47 | — | — | — | ·07 | ·03 | — | — | — | | 16 |
| 17 | ·03 | ·05 | ·21 | ·23 | — | — | — | — | ·04 | — | — | — | | 17 |
| 18 | ·28 | ·24 | ·04 | ·04 | — | — | ·06 | ·15 | — | — | ·46 | — | | 18 |
| 19 | ·15 | ·12 | ·21 | ·17 | — | ·01 | ·02 | ·03 | — | — | ·27 | — | | 19 |
| 20 | ·03 | ·01 | — | ·40 | ·14 | ·12 | ·16 | — | — | — | ·01 | ·10 | | 20 |
| 21 | — | ·11 | ·04 | ·19 | — | — | ·14 | — | — | ·14 | — | ·04 | | 21 |
| 22 | — | ·04 | ·13 | — | ·03 | — | ·03 | — | — | ·27 | ·22 | ·23 | | 22 |
| 23 | ·12 | — | — | — | ·47 | — | ·10 | — | — | ·40 | ·18 | — | | 23 |
| 24 | ·17 | ·29 | ·13 | — | ·03 | — | — | — | ·16 | ·31 | — | ·05 | | 24 |
| 25 | — | ·38 | — | — | — | — | ·06 | ·14 | ·04 | ·05 | — | ·05 | | 25 |
| 26 | — | ·26 | ·23 | — | ·45 | — | — | — | — | — | — | — | | 26 |
| 27 | — | ·37 | — | ·20 | — | — | — | — | — | ·52 | — | ·02 | | 27 |
| 28 | — | — | — | — | — | ·01 | — | — | — | ·11 | — | — | | 28 |
| 29 | ·02 | — | — | — | — | ·02 | — | — | — | ·06 | ·18 | — | | 29 |
| 30 | ·18 | ✕ | — | — | — | ·26 | — | — | — | ·05 | ·53 | — | | 30 |
| 31 | ·25 | ✕ | — | ✕ | — | ✕ | — | — | ✕ | ·10 | ✕ | — | | 31 |
| TOTAL | 2·58 | 4·90 | 1·71 | 2·65 | 2·47 | 1·13 | 1·70 | 2·92 | 1·24 | 2·07 | 1·91 | 1·97 | Year's Total<br>27·25 | ✓ ✓ |
| * Days with .01 in. or more. | 18 | 23 | 16 | 16 | 13 | 13 | 15 | 9 | 9 | 12 | 9 | 15 | 168 | ✓ ✓ |
| * Days with .04 in. or more. | 11 | 20 | 12 | 14 | 9 | 6 | 9 | 8 | 7 | 11 | 7 | 11 | 125 | ✓ ✓ |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) Thos. W. Cockroft. pp.

L.r.a.g. S.B.

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 2824

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1938

*Kept at* Leigh Sewage Works

*in the County of* Lancashire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 67 ft.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |  | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † |  |
| 1 | - | - | - | - | - | .70 | .01 | .14 | - | .06 | .05 | .21 |  | 1 |
| 2 | - | - | - | .33 | - | .23 | - | - | - | .57 | .08 | .38 |  | 2 |
| 3 | - | - | - | - | - | .02 | .07 | - | .12 | .87 | .14 | .01 |  | 3 |
| 4 | - | - | - | .04 | - | .14 | .36 | .05 | - | .07 | - | .53 |  | 4 |
| 5 | .07 | .01 | - | - | - | .05 | .08 | .60 | .12 | .63 | - | .04 |  | 5 |
| 6 | .22 | - | - | - | - | .02 | .40 | .02 | .35 | .24 | - | - |  | 6 |
| 7 | .31 | - | - | - | - | - | .58 | .01 | .08 | .15 | - | - |  | 7 |
| 8 | .52 | .01 | - | - | - | - | .41 | .39 | - | .63 | - | .32 |  | 8 |
| 9 | .03 | .32 | .17 | - | - | .31 | .08 | .03 | - | - | - | .19 |  | 9 |
| 10 | .03 | .03 | .01 | - | - | - | .45 | - | .02 | .19 | - | .18 |  | 10 |
| 11 | .20 | - | - | - | .07 | .03 | .10 | .33 | .02 | .17 | .06 | .04 |  | 11 |
| 12 | .06 | .04 | - | - | .16 | - | .01 | .16 | - | 1.13 | .42 | - |  | 12 |
| 13 | .02 | - | - | - | .04 | - | .02 | - | .03 | .07 | .05 | .10 |  | 13 |
| 14 | .10 | - | - | - | .16 | .01 | .12 | - | .05 | - | - | - |  | 14 |
| 15 | .21 | - | - | - | .28 | - | .47 | .18 | - | .06 | - | .08 |  | 15 |
| 16 | .22 | - | - | - | .28 | - | .10 | .03 | .07 | .02 | .09 | .03 |  | 16 |
| 17 | - | - | - | - | .41 | - | .03 | .06 | .05 | .69 | .01 | - |  | 17 |
| 18 | .01 | - | - | - | .10 | .03 | - | .32 | - | .30 | .20 | - |  | 18 |
| 19 | - | - | - | - | - | - | - | .12 | - | - | - | - |  | 19 |
| 20 | .13 | - | .01 | - | - | - | - | - | .09 | - | .35 | - |  | 20 |
| 21 | - | - | .03 | - | - | .02 | - | .02 | - | - | .08 | - |  | 21 |
| 22 | - | - | - | - | .04 | .27 | - | - | - | - | .31 | .02 |  | 22 |
| 23 | - | - | - | - | .03 | .16 | - | - | .07 | - | .25 | - |  | 23 |
| 24 | .18 | .16 | .18 | - | .05 | .04 | - | .58 | .01 | .06 | .14 | .03 |  | 24 |
| 25 | .02 | .20 | .12 | - | .03 | .07 | .08 | - | - | .55 | .60 | .05 |  | 25 |
| 26 | .17 | .17 | .31 | - | .11 | .18 | - | .16 | .16 | .41 | .46 | .17 |  | 26 |
| 27 | .34 | .07 | - | - | .54 | .23 | .03 | - | .03 | - | .30 | - |  | 27 |
| 28 | .09 | .03 | .03 | - | - | .72 | .21 | .10 | .02 | .03 | - | .17 |  | 28 |
| 29 | .31 | - | .04 | - | 1.19 | .12 | .18 | - | - | .07 | .09 | .44 |  | 29 |
| 30 | .23 | X | - | - | .28 | .05 | - | - | .46 | - | .10 | .07 |  | 30 |
| 31 | .14 | X | .08 | X | .41 | X | - | - | X | .41 | X | .86 |  | 31 |
| TOTAL | 3.61 | 1.06 | .98 | 0.37 | 4.18 | 3.40 | 3.74 | 3.30 | 1.75 | 7.38 | 3.78 | 3.92 | Year's Total 37.47 | ✓ |
| * Days with .01 in. or more. | 22 | 10 | 10 | 2 | 17 | 20 | 20 | 18 | 17 | 22 | 19 | 20 | 197 | ✓ |
| * Days with .04 in. or more. | 17 | 6 | 6 | 2 | 15 | 14 | 14 | 13 | 11 | 20 | 18 | 16 | 152 | ✓ |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*)

P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations — Station No. 2824

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1939.

*Kept at* Leigh Sewerage Works

*in the County of* Lancashire

Diameter of Funnel of Gauge 5" in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level c 67 ft.

Totals

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | .86 | - | .01 | .62 | - | - | .04 | .01 | .60 | - | - | .08 | | 1 |
| 2 | .40 | - | - | .19 | - | - | .20 | .30 | .66 | - | .04 | .07 | | 2 |
| 3 | .08 | .02 | - | .19 | - | - | - | .03 | .15 | - | .02 | - | | 3 |
| 4 | .03 | - | .23 | .19 | .08 | - | .21 | - | - | - | .08 | 1.32 | | 4 |
| 5 | - | - | - | .05 | .20 | - | .24 | .05 | - | .14 | .10 | - | | 5 |
| 6 | 1.06 | .05 | - | - | .08 | - | .38 | .01 | - | - | .19 | - | | 6 |
| 7 | .05 | .19 | - | - | .06 | - | .15 | .03 | - | - | .11 | - | | 7 |
| 8 | .34 | .06 | .33 | .03 | - | - | .49 | .07 | - | .17 | .14 | .07 | | 8 |
| 9 | - | .31 | - | - | - | - | - | .52 | - | .37 | - | .16 | | 9 |
| 10 | .27 | .01 | .06 | - | - | .10 | - | .28 | .24 | .13 | .04 | .41 | | 10 |
| 11 | .41 | - | .21 | - | - | .52 | - | - | - | - | .03 | .07 | | 11 |
| 12 | .49 | .10 | - | - | - | .01 | - | - | - | - | - | - | | 12 |
| 13 | .02 | - | .02 | .32 | .15 | .26 | .21 | - | - | .11 | - | - | | 13 |
| 14 | .58 | - | - | - | .11 | .41 | .61 | - | - | - | .30 | - | | 14 |
| 15 | .08 | .02 | - | .50 | .04 | .84 | .09 | - | - | - | .07 | - | | 15 |
| 16 | .04 | - | .11 | - | .15 | - | .02 | - | - | .28 | .13 | - | | 16 |
| 17 | .80 | .14 | - | - | .13 | - | - | - | - | .56 | .07 | - | | 17 |
| 18 | .10 | .15 | .08 | - | - | .23 | .17 | - | - | - | .89 | - | | 18 |
| 19 | .24 | - | - | - | - | - | .62 | - | - | - | - | - | | 19 |
| 20 | .07 | - | .04 | - | .03 | .14 | .10 | - | .08 | - | - | - | | 20 |
| 21 | .10 | .02 | .41 | .12 | .01 | - | .19 | .13 | .06 | - | - | - | | 21 |
| 22 | .03 | .19 | .25 | .11 | - | - | .09 | - | - | .02 | .71 | - | | 22 |
| 23 | .03 | .47 | .04 | .16 | - | - | .07 | - | - | .19 | .18 | - | | 23 |
| 24 | - | .16 | - | .11 | - | - | .02 | - | - | .08 | .03 | - | | 24 |
| 25 | .07 | .09 | - | .06 | - | - | - | - | - | - | .86 | - | | 25 |
| 26 | - | - | - | - | - | - | - | - | - | .03 | .23 | - | | 26 |
| 27 | - | 1.60 | - | - | - | .41 | .07 | .03 | - | - | .21 | - | | 27 |
| 28 | - | .09 | .10 | .09 | - | .08 | .46 | - | - | - | .58 | - | | 28 |
| 29 | - | - | - | .02 | - | .02 | 1.51 | - | - | .07 | .06 | - | | 29 |
| 30 | - | ✕ | - | - | - | .04 | - | - | - | - | .18 | - | | 30 |
| 31 | | ✕ | | ✕ | | ✕ | | | ✕ | | ✕ | | | 31 |
| TOTAL | 6.15 | 3.67 | 1.89 | 2.76 | 1.04 | 3.06 | 5.94 ~~6.94~~ | 1.46 ~~1.54~~ | 1.79 ~~1.71~~ | 2.15 ~~2.05~~ | 5.25 | 2.18 | Year's Total 37.34 ~~37.24~~ | |
| * Days with .01 in. or more. | 22 | 17 | 13 | 15 | 11 | 12 | 21 | 11 | 6 | 12 | 23 | 7 | 170 | |
| * Days with .04 in. or more. | 18 | 13 | 11 | 13 | 9 | 10 | 19 | 6 | 6 | 10 | 20 | 7 | 142 | |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) Thos. Sh. Cockroft

[P.T.O.

COPY FOR OFFICIAL USE

**Section** A for the entry of Daily Observations

Station No. 2824

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 19~~3~~40

*Kept at* Sewage Works, Leigh

*in the County of* Lancashire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 67 ft.

Gau card for snow.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | - | - | - | .10 | - | - | - | - | - | - | .28 | .07 | | 1 |
| 2 | - | - | - | .20 | - | - | .05 | - | - | - | .32 | .21 | | 2 |
| 3 | - | .09 | - | .31 | - | - | .06 | - | .02 | .05 | .04 | .07 | | 3 |
| 4 | - | .06 | - | .01 | - | - | .08 | - | - | .12 | .23 | .30 | | 4 |
| 5 | - | - | - | - | .22 | - | .13 | - | - | .44 | .04 | .27 | | 5 |
| 6 | .23 | .33 | - | - | - | - | .03 | - | - | .59 | .06 | .02 | | 6 |
| 7 | .01 | .18 | - | .16 | .02 | - | .29 | .07 | .13 | .02 | - | .03 | | 7 |
| 8 | - | - | - | .09 | - | - | - | .02 | - | .15 | .05 | .27 | | 8 |
| 9 | - | - | .26 | - | - | - | .67 | .06 | .16 | .38 | 1.35 | .13 | | 9 |
| 10 | - | - | .03 | - | - | - | .31 | .13 | - | .15 | .30 | .32 | | 10 |
| 11 | - | - | .10 | .04 | - | .01 | .05 | - | - | - | 1.38 | - | | 11 |
| 12 | - | - | .34 | - | - | - | .06 | .04 | .29 | - | .27 | - | | 12 |
| 13 | - | - | .25 | - | - | - | - | .02 | .39 | - | .02 | .05 | | 13 |
| 14 | - | - | .03 | .22 | .14 | - | .09 | .23 | .21 | - | .12 | .23 | | 14 |
| 15 | - | - | - | .05 | .33 | - | - | - | .16 | - | .07 | - | | 15 |
| 16 | - | - | .21 | .02 | - | - | .14 | - | 1.00 | .34 | .19 | .06 | | 16 |
| 17 | - | .05 | - | - | .05 | - | .05 | - | .02 | - | .54 | .07 | | 17 |
| 18 | - | .23 | .13 | .16 | - | - | .01 | .32 | .19 | - | - | .18 | | 18 |
| 19 | - | .25 | .11 | .04 | - | - | .07 | - | .27 | .01 | .17 | - | | 19 |
| 20 | - | - | - | .21 | - | - | .53 | .12 | .11 | .30 | .02 | - | | 20 |
| 21 | - | - | .04 | - | - | .46 | .05 | .01 | .01 | .03 | .68 | - | | 21 |
| 22 | - | .04 | .07 | - | .30 | .06 | - | .03 | .27 | - | .01 | - | | 22 |
| 23 | - | .12 | - | .12 | .01 | - | .07 | - | .07 | - | .17 | - | | 23 |
| 24 | .30 | - | .08 | - | - | - | - | - | - | - | - | - | | 24 |
| 25 | - | - | - | - | .10 | .01 | .03 | - | - | - | - | - | | 25 |
| 26 | (.86)<br>~~.36~~ | .16 | .01 | - | - | .03 | .48 | - | - | - | .04 | - | | 26 |
| 27 | (.71)<br>~~.21~~ | .59 | - | .03 | .01 | - | .23 | - | - | - | .08 | - | | 27 |
| 28 | - | .12 | - | - | .03 | - | - | .02 | - | - | - | .04 | | 28 |
| 29 | - | - | .28 | - | - | .22 | .02 | - | - | .01 | - | .50 | | 29 |
| 30 | .02 | X | - | .03 | - | - | - | - | - | .24 | - | .13 | | 30 |
| 31 | - | X | .11 | X | .02 | X | - | - | X | .68 | X | .01 | | 31 |
| TOTAL | 2.13<br>~~1.13~~ | 2.22 | 2.05 | 1.79 | 1.23 | .79 | 3.46 | 1.11 | 3.30 | 3.51 | 6.43 | 2.96 | Year's Total<br>30.98 | ✓ |
| * Days with .01 in. or more. | 6 | 12 | 15 | 16 | 11 | 6 | 22 | 12 | 15 | 15 | 23 | 19 | 172 | ✓ |
| * Days with .04 in. or more. | 4 | 12 | 12 | 12 | 6 | 3 | 18 | 7 | 12 | 11 | 20 | 16 | 133 | |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*)

[P.T.O.

RAINFORD (ROOKERY SEWAG

—

# 2825/3

RAINFORD, ROOKERY SEWAGE WKS
1938 – 40

780501

Section **A** for the entry of
AIR MINISTI
FORM 1090
**REGIS**

ation No. 2825/3
ORGANIZATION

Kept at Rainford (Roo
in the County of S. La
Diameter of Funnel of Gauge...... /36
Height of top of Gauge above Gr
,, Ground ,, Se

**THE MORNING MEASUR** ... **DAY**

NG FORM.
ARDED MONTHLY

*An observer who does not conform* ... *following*
*year in the space on the right of t*
Pl

Jan. 1, following

| Date | Jan. | Feb. | Mar. | A | | | | | | | | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | | ·08 | ·01 | | TR. | ·98 | TR. | ·21 | ·12 | ·13 | ·05 | ·08 | | 1 |
| 2 | | ·02 | TR. | ·26 | TR. | ·27 | | | | ·55 | ·07 | | | 2 |
| 3 | | ·01 | — | | | ·02 | ·06 | | | ·95 | ·13 | ·68 | | 3 |
| 4 | | TR | — | ·03 | | ·01 | ·25 | | ·16 | ·14 | ·02 | ·10 | | 4 |
| 5 | | TR | TR. | | | TR | ·10 | ·48 | ·01 | ·52 | | ·02 | | 5 |
| 6 | | TR | — | | | ·04 | ·30 | | ·15 | ·31 | | | | 6 |
| 7 | | TR | TR. (Fog) | | | | ·33 | ·08 | ·06 | ·09 | | ·45 | | 7 |
| 8 | | TR | TR | | | | ·65 | ·01 | ·08 | ·50 | | ·08 | | 8 |
| 9 | | ·01 | ·14 | | TR. | ·29 | ·21 | 1·71 | | ·02 | TR. | ·18 | | 9 |
| 10 | | ·34 | ·01 | | | ·13 | ·43 | | | ·30 | TR. | ·05 | | 10 |
| 11 | | | TR. | | ·07 | ·05 | ·07 | ·03 | | ·15 | ·19 | | | 11 |
| 12 | | TR | — | | ·20 | TR | TR. | ·07 | ·01 | 1·17 | ·15 | ·09 | | 12 |
| 13 | (2·40) | TR | — | | ·04 | | ·02 | TR. | ·01 | ·05 | ·07 | | | 13 |
| 14 | | | — | | ·16 | TR | ·06 | | | — | TR. | ·05 | | 14 |
| 15 | | | ·01 | | TR. | ·01 | ·07 | ·12 | ·03 | ·03 | TR. | ·02 | | 15 |
| 16 | | | ·05 | | ·06 | | ·11 | ·02 | | TR. | ·03 | ·02 | | 16 |
| 17 | | | — | | ·16 | | ·08 | ·09 | | ·48 | ·02 | | | 17 |
| 18 | | | — | | ·02 | TR | | ·31 | ·02 | ·22 | ·13 | tr. | | 18 |
| 19 | | | — | | | | | ·22 | ·06 | — | TR. | | | 19 |
| 20 | | | ·04 | | | | | ·05 | TR. | — | ·25 | | | 20 |
| 21 | | | ·03 | | TR. | TR | | ·07 | ·05 | — | ·14 | | | 21 |
| 22 | | | — | TR. | ·07 | ·03 | | ·02 | ·01 | — | ·42 | | | 22 |
| 23 | | | — | TR. | ·02 | ·18 | | | ·02 | — | ·28 | | | 23 |
| 24 | | | ·28 | | ·02 | TR. | | ·46 | TR. | ·07 | ·55 | | | 24 |
| 25 | | ·16 | ·15 | | TR. | ·03 | ·18 | TR. | ·09 | ·50 | ·61 | ·10 | | 25 |
| 26 | # | ·10 | ·28 | TR. | ·06 | ·10 | | | | ·57 | ·25 | ·16 | | 26 |
| 27 | ·27 | ·14 | TR. | | ·61 | ·42 | ·08 | ·02 | ·15 | tr. | TR. | tr. | | 27 |
| 28 | ·19 | ·08 | ·05 | | | ·67 | ·23 | ·05 | ·01 | ·04 | ·10 | ·18 | | 28 |
| 29 | ·10 | X | ·05 | | 1·34 | ·11 | ·25 | | | ·11 | ·19 | ·38 | | 29 |
| 30 | ·27 | ✕ | TR. | | ·21 | TR. | ·09 | | ·39. | — | ·24 | ·16 | | 30 |
| 31 | ·07 | ✕ | ·01 | ✕ | ·39 | ✕ | | | ✕ | ·39 | ✕ | ·82 | | 31 |
| | ·68. | | | | | | | | | | | | Year's Total | |
| TOTAL | (3·38) | ·94 | 1·11 | ·29 | 3·43 | 3·34 | 3·57 | 4·02 | 1·43. | 7·29 | 3·89 | 3·62 | 36·31 | Print |
| * Days with .01 in. or more. | (22) | 8 | 13 | 2 | 15 | 16 | 19 | 18 | 18 | 22 | 20 | 18 | 191 | GB |
| * Days with .04 in. or more. | (17) | 5 | 8 | 1 | 12 | 11 | 18 | 13 | 10 | 19 | 17 | 15 | 146 | 18\|+\|38 |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

N

(Signed) LANCASHIRE Co... ... [P.T.O.

LANCASHIRE COUNTY COUNCIL * per Land Drainage Engineer

RAINFORD (ROOKERY SEWAG

**Section** **A** for the entry of ... ation No. 2825/3

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1938

Kept at Rainford (Rookery Sewage Wks)
in the County of S. Lancs
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
,, Ground ,, Sea Level 107 ft.

Part Jan & days est. G. by surr. stns.

f 579013/36

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |  | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † |  |
| 1 |  | ·08 | ·01 |  | TR. | ·98 | TR. | ·21 | ·12 | ·13 | ·05 | ·08 |  | 1 |
| 2 |  | ·02 | TR. | ·26 | TR. | ·27 |  |  |  | ·55 | ·07 |  |  | 2 |
| 3 |  | ·01 | — |  |  | ·02 | ·06 |  |  | ·95 | ·13 | ·68 |  | 3 |
| 4 |  | TR | — | ·03 |  | ·01 | ·25 |  | ·16 | ·14 | ·02 | ·10 |  | 4 |
| 5 |  | TR | TR. |  |  | TR. | ·10 | ·48 | ·01 | ·52 |  | ·02 |  | 5 |
| 6 |  | TR | — |  |  | ·04 | ·30 |  | ·15 | ·31 |  |  |  | 6 |
| 7 |  | TR | TR. (Fog) |  |  |  | ·33 | ·08 | ·06 | ·09 |  | ·45 |  | 7 |
| 8 |  | TR | TR |  |  |  | ·65 | ·01 | ·08 | ·50 |  | ·08 |  | 8 |
| 9 |  | ·01 | ·14 |  | TR. | ·29 | ·21 | 1·71 |  | ·02 | TR. | ·18 |  | 9 |
| 10 |  | ·34 | ·01 |  |  | ·13 | ·43 |  |  | ·30 | TR. | ·05 |  | 10 |
| 11 |  |  | TR. |  | ·07 | ·05 | ·07 | ·03 |  | ·15 | ·19 |  |  | 11 |
| 12 |  | TR | — |  | ·20 | TR. | TR. | ·07 | ·01 | 1·17 | ·15 | ·09 |  | 12 |
| 13 | (2·40) | TR | — |  | ·04 |  | ·02 | TR. | ·01 | ·05 | ·07 |  |  | 13 |
| 14 |  |  | — |  | ·16 | TR | ·06 |  |  | — | TR. | ·05 |  | 14 |
| 15 |  |  | ·01 |  | TR. | ·01 | ·07 | ·12 | ·03 | ·03 | TR. | ·02 |  | 15 |
| 16 |  |  | ·05 |  | ·06 |  | ·11 | ·02 |  | TR. | ·03 | ·02 |  | 16 |
| 17 |  |  | — |  | ·16 |  | ·08 | ·09 |  | ·48 | ·02 |  |  | 17 |
| 18 |  |  | — |  | ·02 | TR |  | ·31 | ·02 | ·22 | ·13 | tr. |  | 18 |
| 19 |  |  | — |  |  |  |  | ·22 | ·06 | — | TR. |  |  | 19 |
| 20 |  |  | ·04 |  |  |  |  | ·05 | TR. | — | ·25 |  |  | 20 |
| 21 |  |  | ·03 |  | TR. | TR |  | ·07 | ·05 | — | ·14 |  |  | 21 |
| 22 |  |  | — | TR. | ·07 | ·03 |  | ·02 | ·01 | — | ·42 |  |  | 22 |
| 23 |  |  | — | TR. | ·02 | ·18 |  |  | ·02 | — | ·28 |  |  | 23 |
| 24 |  |  | ·28 |  | ·02 | TR. |  | ·46 | TR. | ·07 | ·55 |  |  | 24 |
| 25 |  | ·16 | ·15 |  | TR. | ·03 | ·18 | TR. | ·09 | ·50 | ·61 | ·10 |  | 25 |
| 26 | # | ·10 | ·28 | TR. | ·06 | ·10 |  |  |  | ·57 | ·25 | ·16 |  | 26 |
| 27 | ·27 | ·14 | TR. |  | ·61 | ·42 | ·08 | ·02 | ·15 | tr. | TR. | tr. |  | 27 |
| 28 | ·19 | ·08 | ·05 |  |  | ·67 | ·23 | ·05 | ·01 | ·04 | ·10 | ·18 |  | 28 |
| 29 | ·10 | X | ·05 |  | 1·34 | ·11 | ·25 |  |  | ·11 | ·19 | ·38 |  | 29 |
| 30 | ·27 | ✕ | TR. |  | ·21 | TR. | ·09 |  | ·39. | — | ·24 | ·16 |  | 30 |
| 31 | ·07 | ✕ | ·01 | ✕ | ·39 | ✕ |  |  | ✕ | ·39 | ✕ | ·82 |  | 31 |
| TOTAL | ·08.1<br>(3·38) | ·94 | 1·11 | ·29 | 3·43 | 3·34 | 3·57 | 4·02 | 1·43 | 7·29 | 3·89 | 3·62 | Year's Total<br>36·31 |  |
| * Days with .01 in. or more. | (22) | 8 | 13 | 2 | 15 | 16 | 19 | 18 | 18 | 22 | 20 | 18 | 191 |  |
| * Days with .04 in. or more. | (17) | 5 | 8 | 1 | 12 | 11 | 18 | 13 | 10 | 19 | 17 | 15 | 146 |  |

Print GB 18/4/39

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

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(Signed) LANCASHIRE COUNTY COUNCIL [P.T.O.

LANCASHIRE COUNTY COUNCIL —— * per Land Drainage Engineer

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 2825/3

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1939

Kept at Rainford 'Rookery' Sewage Works
in the County of S. Lancashire
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
,, Ground ,, Sea Level 107 ft.

TRAVELLING FORM
VALUES FORWARDED

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·22 | | ·01 | ·25 | | ~~·07~~ | ·07 | ·13 | | ·01 | | ·04 | | 1 |
| 2 | ·01 | | Tr. | ·14 | | ~~·21~~ | ·21 | | ·19 | | | | | 2 |
| 3 | ·12 | | ·04 | ·15 | | ~~tr.~~ | tr | 1·11 | | | ·03 | 1·1 | | 3 |
| 4 | ·14 | | ·14 | ·24 | ·05 | | ·22 | ·08 | | ·04 | ·01 | 1·57 | | 4 |
| 5 | | | Tr. | Tr. | ·28 | | ·28 | | | ·06 | ·29 | | | 5 |
| 6 | 1·01 | ·06 | ·01 | | ·13 | | ·33 | ·01 | | | ·06 | | | 6 |
| 7 | ·02 | ·29 | Tr. | | | | ·09 | tr. | | | ·10 | ·41 | | 7 |
| 8 | ·13 | ·10 | ·25 | ·01 | | | ·06 | | | ·23 | ·24 | ·19 | | 8 |
| 9 | ·06 | ·16 | | | | | | | | ·34 | ·02 | ·39 | | 9 |
| 10 | ·26 | tr. | ·02 | | | ·04 | | ·33 | ·27 | ·07 | ·02 | ·19 | | 10 |
| 11 | ·33 | ·05 | ·28 | | | ·83 | | ·12 | | ·03 | ·01 | | | 11 |
| 12 | ·70 | ·02 | Tr. | | Tr. | ·14 | | | ·04 | | | | | 12 |
| 13 | tr. | | ·01 | ·28 | ·16 | ·20 | | | ·49 | ·02 | | | | 13 |
| 14 | ·51 | tr. | Tr. | ·01 | ·17 | ·45 | + | | | | ·37 | | | 14 |
| 15 | ·09 | ·02 | ·02 | ·39 | Tr. | ·73 | + ·43 | | | | ·06 | | | 15 |
| 16 | ·02 | tr. | ·08 | Tr. | ·25 | Tr. | ·11 | | | ·13 | ·12 | | | 16 |
| 17 | ·62 | ·05 | | | ·23 | ·11 | ·20 | | | ·50 | ·02 | | | 17 |
| 18 | ·04 | ·18 | ·03 | | Tr. | ·21 | | | | | ·70 | | | 18 |
| 19 | ·20 | | | | | Tr. | ·25 | | | | | | | 19 |
| 20 | ·05 | | ·23 | | Tr. | ·08 | ·25 | | | | - | | | 20 |
| 21 | ·07 | tr. | ·39 | ·04 | Tr. | Tr. | ·02 | tr. | ·07 | | | | | 21 |
| 22 | ·08 | ·33 | ·12 | ·10 | | | tr. | ·72 | | ·02 | ·70 | | | 22 |
| 23 | ·08 | ·38 | ·01 | ·18 | | ·06 | ·09 | | | ·28 | ·19 | | | 23 |
| 24 | tr. | ·19 | | ·07 | | ·06 | ·03 | | | ·08 | ·01 | | | 24 |
| 25 | ·05 | ·14 | | ·04 | | | ·07 | | | ·01 | ·79 | | | 25 |
| 26 | tr. | | | ·04 | | | | | | | ·23 | ·02 | | 26 |
| 27 | | ·85 | Tr. | — | | ·26 | | ·04 | | | ·20 | ·13 | | 27 |
| 28 | | ·11 | ·12 | ·01 | | ·11 | ·09 | ·04 | | | ·55 | ·02 | | 28 |
| 29 | | | | ·03 | | | ·40 | | | ·05 | ·08 | | | 29 |
| 30 | | ✕ | | — | | ·09 | 1·14 | tr. | | | ·06 | | | 30 |
| 31 | | ✕ | | ✕ | | ✕ | ·15 | | ✕ | | ✕ | | | 31 |
| | | | | | | | | | | | | | Year's Total | |
| TOTAL | 4·71 | 2·93 | 1·76 | 1·98 | 1·27 | 3·37 | 4·49 | 2·58 | 1·06 | 1·87 | 4·86 | 4·06 | 34·94 | |
| * Days with .01 in. or more. | 22 | 15 | 16 | 16 | 7 | 14 | 21 | 9 | 5 | 15 | 23 | 10 | 173 | |
| * Days with .04 in. or more. | 19 | 13 | 9 | 12 | 7 | 14 | 19 | 8 | 5 | 10 | 16 | 8 | 140 | |

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) ............................................................ [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 2825/3

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1940.

*Kept at* Rainford Rookery Sewage Works.

*in the County of* S. Lancashire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" Ground " Sea Level 107 ft.

Jan 27-31st est'd from nearby stns.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | | | | ·11 | | | | TR. | | | ·28 | | | 1 |
| 2 | | | | ·22 | | | ·12 | | | | ·38 | ·17 | | 2 |
| 3 | | ·17 | ·01 | ·30 | | | ·09 | | | TR. | ·02 | ·10 | | 3 |
| 4 | | ·03 | | TRACE | | | ·07 | | TR. | ·15 | ·21 | ·16 | | 4 |
| 5 | | ·01 | | | ·23 | | | TR. | | ·35 | ·10 | ·20 | | 5 |
| 6 | ·11 | ·24 | | | | | | | | ·54 | ·06 | TR. | | 6 |
| 7 | ·01 | ·24 | TRACE | ·13 | ·01 | | ·19 | ·08 | ·22 | ·04 | | ~~·25~~ | | 7 |
| 8 | | | | ·01 | ·03 | | ·01 | ·01 | ·02 | ·19 | ·02 | ·25 | | 8 |
| 9 | | | ·29 | | | | ·42 | ·04 | ·09 | ·55 | 1·11 | ·10 | | 9 |
| 10 | | | ·02 | | | | ·51 | ·12 | | ·22 | ·20 | ·38 | | 10 |
| 11 | | TRACE | ·08 | ·04 | | TRACE | ·06 | TR. | | | 1·31 | ·03 | | 11 |
| 12 | | | ·27 | | | ·08 | ·16 | ·14 | ·25 | | ·18 | | | 12 |
| 13 | | ·01 | ·23 | TRACE. | | | | ·08 | ·39 | T.R. | ·04 | TR. | | 13 |
| 14 | | | ·03 | ·11 | ·13 | | TR. | ·13 | ·35 | T.R. | ·18 | ·18 | | 14 |
| 15 | | | | ·03 | ·33 | TRACE | ·01 | | ·04 | | ·08 | ·02 | | 15 |
| 16 | ·01 | ·17 | ·17 | ·06 | | | ·27 | TR. | ·96 | ·32 | ·15 | ·10 | | 16 |
| 17 | | | ·46 | ·01 | ·23 | | ·03 | TR. | ·01 | T.R. | ·54 | ·04 | | 17 |
| 18 | | ·25 | ·09 | ·28 | | | TR. | ·45 | ·30 | | ·01 | ·28 | | 18 |
| 19 | ·03 | ·29 | ·16 | ·01 | | | ·10 | | ·22 | | ·10 | ·01 | | 19 |
| 20 | | TRACE | TRACE | ·38 | | ·02 | ·11 | | ·06 | ·45 | | | | 20 |
| 21 | | TRACE | ·07 | | TRACE | ·32 | TRACE | | TR. | | ·77 | | | 21 |
| 22 | | | ·06 | TRACE | | ·12 | | ·11 | ·06 | T.R. | TR. | | | 22 |
| 23 | ·02 | ·07 | ·03 | ·12 | ·20 | | ·16 | | ·12 | | ·14 | | | 23 |
| 24 | ·22 | | ·10 | | ·08 | | TR. | | | TR. | | | | 24 |
| 25 | | TRACE | TRACE | | ·02 | | ·01 | | ·01 | | | | | 25 |
| 26 | ·83 | ·18 | TRACE | | ·10 | ·03 | ·46 | | TR. | | ·03 | | | 26 |
| 27 | – | ·49 | TRACE | ·57 | ·01 | | ·30 | ·01 | TR. | | ·03 | | | 27 |
| 83 28 | + | ·21 | TRACE. | | ·66 | | | | | | ·01 | ·02 | | 28 |
| 29 | (1·00) + | | ·33 | TRACE | TRACE | ·21 | ·13 | | | ·01 | | ·57 | | 29 |
| 30 | – | ✕ | TRACE. | ·01 | TRACE | | | | | ·25 | | ·12 | | 30 |
| 31 | + | ✕ | ·06 | ✕ | ·02 | ✕ | | ·09 | ✕ | ·87 | ✕ | ·02 | | 31 |
| TOTAL | 2·23 ~~1·23~~ | 2·36 | 2·46 | 2·39 | 2·05 | ·78 | 3·21 | 1·26 | 3·10 | 3·94 | 5·95 | 2·75 | Year's Total 32·48 | ✓ |
| * Days with .01 in. or more. | ~~7~~ 10 | 13 | 14 | 16 | 13 | 6 | 19 | 11 | 15 | 12 | 23 | 18 | 173 | ✓ |
| * Days with .04 in. or more. | ~~8~~ 6 | 10 | 12 | 11 | 8 | 4 | 15 | 9 | 12 | 11 | 14 | 13 | 128 | ✓ |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) ..............................

[P.T.O.

78 ATHERTON CEMET

# 2825/5

# ATHERTON CEMETERY

1938 – 40

780501

Section **A** for the entry

AIR MINIS

Station No. 2825/5

LL ORGANIZATION

FORM 1090

REG

8

– est by sum stns (?)

otals

MONTHLY

/36

Kept at ......Atherton...

in the County of .....S. La

Diameter of Funnel of Gauge...

Height of top of Gauge above

„ Ground „

**THE MORNING MEAS**

**S DAY**

*An observer who does not confor*

*year in the space on the right o*

*following*

Jan. 1, following

| Date | Jan. | Feb. | Mar. | | | | | | | | v. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | | ·04 | — | | TR. | ·75 | | ·32 | ·01 | ·10 | ·23 | ·28 | | 1 |
| 2 | | | — | ·27 | ·02 | ·19 | ·01 | | ·01 | ·62 | ·03 | ·09 | | 2 |
| 3 | | | — | | | TR. | ·03 | | ·17 | ·93 | ·16 | | | 3 |
| 4 | | | — | ·05 | | ·08 | ·24 | ·10 | ·13 | ·15 | ·02 | ·66 | | 4 |
| 5 | | | — | | | ·02 | | ·63 | | ·88 | | ·05 | | 5 |
| 6 | | | — | | | | ·38 | | ·48 | ·27 | | ·01 | | 6 |
| 7 | | | — | | | | ·68 | ·10 | ·10 | ·08 | | | | 7 |
| 8 | | ·03 | — | | | | ·46 | ·25 | | ·64 | | ·35 | | 8 |
| 9 | | ·30 | ·20 | | | ·33 | ·11 | | | ·11 | | ·15 | | 9 |
| 10 | | ·02 | ·04 | | | | ·38 | | ·01 | ·21 | | ·16 | | 10 |
| 11 | (3·20) | ·05 | — | | ·08 | ·05 | ·10 | ·19 | ·02 | ·02 | ·05 | ·05 | | 11 |
| 12 | | | — | | ·17 | | ·01 | ·16 | | 1·23 | ·45 | | | 12 |
| 13 | | TR | — | | ·04 | | ·03 | | ·04 | ·10 | ·04 | ·12 | | 13 |
| 14 | | | — | | ·16 | TR. | ·06 | | ·07 | — | | | | 14 |
| 15 | | | — | | | | ·18 | ·22 | | ·05 | | ·09 | | 15 |
| 16 | | | ·03 | | ·15 | | ·15 | ·02 | ·08 | ·02 | ·07 | ·04 | | 16 |
| 17 | | | ·01 | | ·39 | | ·06 | ·09 | ·05 | ·83 | ·01 | ·05 | | 17 |
| 18 | | | — | | ·09 | ·03 | | ·32 | TR | ·33 | ·26 | | | 18 |
| 19 | | | — | | | | | ·40 | ·01 | — | | | | 19 |
| 20 | | | — | | | | | TR. | | — | ·41 | | | 20 |
| 21 | | | — | | | | | ·03 | | — | ·04 | | | 21 |
| 22 | | | — | | | ·23 | | | | — | ·33 | ·01 | | 22 |
| 23 | | | — | | ·09 | ·12 | | | ·07 | — | ·41 | | | 23 |
| 24 # | | ·16 | ·20 | | ·02 | ·02 | | ·71 | TR. | ·02 | ·25 | | | 24 |
| 25 | ·03 | ·23 | ·08 | | ·03 | ·04 | ·07 | | | ·57 | ·58 | ·03 | | 25 |
| 26 | ·13 | ·22 | ·33 | | ·10 | ·08 | | | ·15 | ·40 | ·23 | ·23 | | 26 |
| 27 | ·34 | ·07 | — | | ·54 | ·45 | ·10 | ·20 | ·07 | — | ·37 | tr. | | 27 |
| 28 | ·11 | ·02 | ·03 | | | ·68 | ·13 | ·08 | ·03 | ·05 | ·02 | ·20 | | 28 |
| 29 | ·35 | X | ·09 | | 1·40 | ·23 | ·17 | | | ·09 | ·05 | ·48 | | 29 |
| 30 | ·21 | ✕ | — | | ·29 | ·11 | | | ·44 | TR. | ·11 | ·06 | | 30 |
| 31 | ·13 | ✕ | ·04 | ✕ | ·40 | ✕ | | | ✕ | ·38 | ✕ | ·93 | | 31 |
| TOTAL | (4·50) | 1·14 | 1·08 | ·32 | 3·97 | 3·39 | 3·35 | 3·82 | 1·94 | 8·08 | 4·12 | 4·04 | Year's Total 39·75 | |
| * Days with .01 in. or more. | (23) | 10 | 10 | 2 | 16 | 16 | 19 | 16 | 18 | 23 | 21 | 20 | 194 | |
| * Days with .04 in. or more. | (16) | 7 | 7 | 2 | 13 | 13 | 15 | 14 | 12 | 20 | 17 | 17 | 153 | |

Print

GB 18/4/39

* See Instruction 3 (f) on other side.

N

† Spare column, no entries required.

(Signed) LANCASHIRE COUNTY COUNCIL

[P.T.O.

LANCASHIRE COUNTY COUNCIL * per. LAND DRAINAGE ENGINEER

18 ATHERTON CEMET

Section **A** for the entry Station No. 2925/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1938

Kept at Atherton Cemetery

in the County of S. Lancs

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 165 ft.

Est Jan. part Jan e days est by sur stns

TRAVELLING FORM.
VALUES FORWARDED MONTHLY
Totals.
4579013/36

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |  | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † |  |
| 1 |  | .04 | — |  | TR. | .75 |  | .32 | .01 | .10 | .23 | .28 |  | 1 |
| 2 |  |  | — | .27 | .02 | .19 | .01 |  | .01 | .62 | .03 | .09 |  | 2 |
| 3 |  |  | — |  |  | TR. | .03 |  | .17 | .93 | .16 |  |  | 3 |
| 4 |  |  | — | .05 |  | .08 | .24 | .10 | .13 | .15 | .02 | .66 |  | 4 |
| 5 |  |  | — |  |  | .02 |  | .63 |  | .88 |  | .05 |  | 5 |
| 6 |  |  | — |  |  |  | .38 |  | .48 | .27 |  | .01 |  | 6 |
| 7 |  |  | — |  |  |  | .68 | .10 | .10 | .08 |  |  |  | 7 |
| 8 |  | .03 | — |  |  |  | .46 | .25 |  | .64 |  | .35 |  | 8 |
| 9 |  | .30 | .20 |  |  | .33 | .11 |  |  | .11 |  | .15 |  | 9 |
| 10 |  | .02 | .04 |  |  |  | .38 |  | .01 | .21 |  | .16 |  | 10 |
| 11 | (3.20) | .05 | — |  | .08 | .05 | .10 | .19 | .02 | .02 | .05 | .05 |  | 11 |
| 12 |  |  | — |  | .17 |  | .01 | .16 |  | 1.23 | .45 |  |  | 12 |
| 13 |  | TR | — |  | .04 |  | .03 |  | .04 | .10 | .04 | .12 |  | 13 |
| 14 |  |  | — |  | .16 | TR. | .06 |  | .07 | — |  |  |  | 14 |
| 15 |  |  | — |  |  |  | .18 | .22 |  | .05 |  | .09 |  | 15 |
| 16 |  |  | .03 |  | .15 |  | .15 | .02 | .08 | .02 | .07 | .04 |  | 16 |
| 17 |  |  | .01 |  | .39 |  | .06 | .09 | .05 | .83 | .01 | .05 |  | 17 |
| 18 |  |  | — |  | .09 | .03 |  | .32 | TR | .33 | .26 |  |  | 18 |
| 19 |  |  | — |  |  |  |  | .40 | .01 | — |  |  |  | 19 |
| 20 |  |  | — |  |  |  |  | TR. |  | — | .41 |  |  | 20 |
| 21 |  |  | — |  |  |  |  | .03 |  | — | .04 |  |  | 21 |
| 22 |  |  | — |  |  | .23 |  |  |  | — | .33 | .01 |  | 22 |
| 23 |  |  | — |  | .09 | .12 |  |  | .07 | — | .41 |  |  | 23 |
| 24 # |  | .16 | .20 |  | .02 | .02 |  | .71 | TR. | .02 | .25 |  |  | 24 |
| 25 | .03 | .23 | .08 |  | .03 | .04 | .07 |  |  | .57 | .58 | .03 |  | 25 |
| 26 | .13 | .22 | .33 |  | .10 | .08 |  |  | .15 | .40 | .23 | .23 |  | 26 |
| 27 | .34 | .07 | — |  | .54 | .45 | .10 | .20 | .07 | — | .37 | tr. |  | 27 |
| 28 | .11 | .02 | .03 |  |  | .68 | .13 | .08 | .03 | .05 | .02 | .20 |  | 28 |
| 29 | .35 | X | .09 |  | 1.40 | .23 | .17 |  |  | .09 | .05 | .48 |  | 29 |
| 30 | .21 |  | — |  | .29 | .11 |  |  | .44 | TR. | .11 | .06 |  | 30 |
| 31 | .13 |  | .04 |  | .40 |  |  |  |  | .38 |  | .93 |  | 31 |
| TOTAL | (4.50) | 1.14 | 1.08 | .32 | 3.97 | 3.39 | 3.35 | 3.82 | 1.94 | 8.08 | 4.12 | 4.04 | Year's Total 39.75 |  |
| * Days with .01 in. or more. | (23) | 10 | 10 | 2 | 16 | 16 | 19 | 16 | 18 | 23 | 21 | 20 | 194 |  |
| * Days with .04 in. or more. | (16) | 7 | 7 | 2 | 13 | 13 | 15 | 14 | 12 | 20 | 17 | 17 | 153 |  |

SB 18/4/39

* See Instruction 3 (f) on other side.

N

† Spare column, no entries required.

(*Signed*) LANCASHIRE COUNTY COUNCIL [P.T.O.

LANCASHIRE COUNTY COUNCIL * per. LAND DRAINAGE ENGINEER

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 2825/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1939.

*Kept at* Atherton Cemetery

*in the County of* S. Lancashire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 165 ft.

TRAVELLING FORM.
VALUES [illegible] MONTHLY

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·58 | | ·02 | ·52 | | | | ·01 | | | | ·09 | | 1 |
| 2 | ·20 | | | ·14 | | | ·20 | ·47 | ·58 | | ·07 | ·04 | | 2 |
| 3 | ·14 | | | ·15 | | | | ·07 | ·27 | | ·03 | ·90 | | 3 |
| 4 | ·20 | | ·25 | ·28 | ·04 | | ·20 | | | ·11 | ·08 | 1·45 | | 4 |
| 5 | | tr. | | Tr. | ·28 | | ·21 | ·09 | | ·14 | ·27 | ·008 | | 5 |
| 6 | ·96 | ·12 | | | ·13 | | ·41 | ·01 | | | ·05 | | | 6 |
| 7 | ·08 | ·24 | ·01 | | Tr. | | ·10 | | | | ·10 | ·60 | | 7 |
| 8 | ·30 | ·06 | ·30 | | | | ·55 | ·17 | | ·18 | ·21 | ·22 | | 8 |
| 9 | ·15 | ·37 | | | | | | ·49 | | ·34 | ·02 | ·43 | | 9 |
| 10 | ·32 | tr. | ·06 | | | ·08 | | ·22 | ·26 | ·18 | ·03 | ·07 | | 10 |
| 11 | ·46 | ·16 | ·20 | | | ·43 | | | | | | | | 11 |
| 12 | ·45 | ·09 | | | | ·03 | | | | | | | | 12 |
| 13 | tr. | | ·01 | ·24 | ·15 | ·27 | ·28 | | ·03 | ·04 | ·005 | | | 13 |
| 14 | ·55 | | | | ·10 | ·37 | ·58 | | ·02 | | ·29 | | | 14 |
| 15 | ·08 | ·03 | | ·69 | ·10 | ·86 | ·14 | | | ·005 | ·09 | | | 15 |
| 16 | ·03 | | ·08 | Tr. | ·16 | Tr. | | | | ·38 | ·11 | | | 16 |
| 17 | ·80 | ·17 | ·01 | | ·13 | ·01 | | | | ·56 | ·05 | | | 17 |
| 18 | ·10 | ·22 | | | | ·21 | ·09 | | | | ·84 | | | 18 |
| 19 | ·24 | tr. | | | | Tr. | ·29 | | | | ·01 | | | 19 |
| 20 | ·06 | | ·03 | | ·01 | ·04 | ·16 | ·30 | | ·005 | | | | 20 |
| 21 | ·11 | ·03 | ·50 | ·14 | ·01 | Tr. | ·15 | ·06 | ·06 | | | | | 21 |
| 22 | ·05 | ·24 | ·30 | ·19 | | | ·08 | | | ·005 | ·66 | | | 22 |
| 23 | ·04 | ·37 | ·12 | ·30 | | ·06 | ·04 | | | ·38 | ·15 | | | 23 |
| 24 | tr. | ·15 | | ·05 | | | ·02 | | | ·08 | ·01 | | | 24 |
| 25 | ·10 | ·06 | | ·03 | | | | | | ·005 | ·90 | | | 25 |
| 26 | tr. | ·03 | | | | | | | | ·04 | ·24 | ·005 | | 26 |
| 27 | tr. | 1·69 | | | | ·38 | ·16 | ·03 | | | ·30 | | | 27 |
| 28 | | ·14 | ·11 | ·03 | | ·40 | ·57 | | | | ·72 | ·09 | | 28 |
| 29 | | | | | | | 1·50 | | | ·08 | ·07 | | | 29 |
| 30 | | ✕ | | | | ·04 | ·11 | | | | ·21 | ·01 | | 30 |
| 31 | | ✕ | | ✕ | | ✕ | ·16 | | ✕ | | ✕ | | | 31 |
| TOTAL | 6·00 | ~~4·27~~ 4·17 | 2·00 | 2·76 | 1·11 | 3·18 | ~~5·90~~ 6·00 | 1·92 | 1·22 | 2·53 | ~~5·53~~ 5·52 | 3·91 | Year's Total 40·~~43~~ 32 | ✓ |
| * Days with .01 in. or more. | 22 | 17 | 14 | 12 | 10 | 13 | 21 | 11 | 6 | ~~13~~ 14 | 24 | 11 | 175 | ✓ |
| * Days with .04 in. or more. | 21 | 14 | 8 | 10 | 8 | 11 | 20 | 8 | 4 | 12 | 19 | 9 | 144 | ✓ |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) ..........................................

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 2825/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 19~~3~~40.

Jan 28-31st est'd from nearby stns.

*Kept at* Atherton Cemetery

*in the County of* S. Lancashire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 165 ft.

TRAVELL[illegible]
VALUES FORWARDED MONTHLY

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | | | | | | | ·005 | | ·005 | | ·30 | ·10 | | 1 |
| 2 | | | | | | | ·11 | | | | ·33 | ·27 | | 2 |
| 3 | | | | | | | ·22 | | | ·03 | ·05 | ·07 | | 3 |
| 4 | | | | | | | ·09 | | ·01 | ·14 | ·15 | ·26 | | 4 |
| 5 | | | | | ·21 | | ·04 | | | ·42 | ·10 | ·32 | | 5 |
| 6 | ·15 | | | | | | ·05 | | | ·54 | ·13 | ·02 | | 6 |
| 7 | ·02 | ·32 | ·02 | | ·01 | | ·19 | ·07 | ·10 | ·03 | | | | 7 |
| 8 | | ·21 | | | | | ·005 | ·01 | | ·15 | ·05 | ·28 | | 8 |
| 9 | | | ·26 | | | | ·66 | ·07 | ·18 | ·40 | 1·46 | ·29 | | 9 |
| 10 | | | ·02 | | | | ·34 | ·19 | | ·14 | ·30 | ·31 | | 10 |
| 11 | | | ·09 | | | ·04 | ·03 | | | | 1·39 | ·005 | | 11 |
| 12 | | | ·3 | | | ·09 | | ·08 | ·32 | | ·18 | ·02 | | 12 |
| 13 | | | ·26 | | | | ·05 | ·04 | ·20 | | ·04 | ·03 | | 13 |
| 14 | | ·02 | ·02 | | ·14 | | ·13 | ·06 | ·16 | | ·17 | ·28 | | 14 |
| 15 | ·02 | | | ·17 | ·33 | | · | | ·18 | | ·17 | ·03 | | 15 |
| 16 | | ·22 | ·20 | ·01 | | | ·14 | | ·96 | ·34 | ·10 | ·10 | | 16 |
| 17 | | | ·58 | ·005 | ·31 | | ·14 | | ·02 | ·01 | ·18 | ·04 | | 17 |
| 18 | ·07 | ·24 | ·14 | ·26 | | | ·01 | ·46 | ·23 | | ·49 | ·20 | | 18 |
| 19 | | ·25 | ·18 | ·05 | | | ·10 | | ·28 | | ·25 | ·005 | | 19 |
| 20 | | ·01 | | ·25 | | | ·41 | ·23 | ·24 | ·29 | ·02 | | | 20 |
| 21 | | | ·08 | ·005 | | ·38 | ·03 | ·03 | | ·03 | ·71 | | | 21 |
| 22 | | ·005 | ·07 | ·12 | ·18 | ·13 | | ·06 | ·34 | ·005 | | | | 22 |
| 23 | | ·09 | | | ·15 | ·005 | ·09 | | ·06 | | ·21 | | | 23 |
| 24 | ·33 | | | | ·02 | ·005 | | | | | | | | 24 |
| 25 | | | | | ·09 | ·03 | ·17 | | | | | | | 25 |
| 26 | | ·21 | | | ·005 | ·06 | ·61 | | | | ·07 | | | 26 |
| 27 | 1·11 | ·61 | | | ·02 | | ·20 | | ·02 | | ·08 | ·005 | | 27 |
| 1·11 ~~28~~ | + | ·17 | | | ·04 | | | ·01 | | | | ·03 | | 28 |
| 29 | +<br>(·60) | | | | | ·28 | ·04 | | | | | ·61 | | 29 |
| 30 | – | ✕ | ·315 | | | | | | | ·33 | ·02 | ·19 | | 30 |
| 31 | + | ✕ | ·20 | ✕ | ·03 | ✕ | | | ✕ | ·70 | ✕ | | | 31 |
| TOTAL | 2·30<br>~~1·70~~ | 2·355 | 2·735 | ·87 | 1·535 | 1·015 | 3·86 | 1·31 | 3·305 | 3·555 | 6·95 | 3·465 | Year's Total<br>33·24 | |
| * Days with .01 in. or more. | 9 | 11 | 15 | 6 | 12 | 7 | 22 | 12 | 15 | 14 | 24 | 21 | 168 | |
| * Days with .04 in. or more. | 7 | 9 | 12 | 5 | 8 | 6 | 19 | 9 | 12 | 10 | 22 | 14 | 133 | |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) ....................

[P.T.O.

2826

Section **A** for the en
AIR MIN

FORM 1090. **REC**

*Kept at* Sewage F

*in the County of* L

Diameter of Funnel of Gaug
Height of top of Gauge above
,, Ground ,,

**THE MORNING M**

*An observer who does not conf*
*year in the space on the righ*

—

# 2826

BRADLEY LANE SEWAGE FM.

1931 —— 37

780501

**COPY FOR OFFICIAL USE.**

FALL ORGANIZATION.

**931 .**

**DAY.**

*the following*

Jan. 1, following

| *Date* | Jan. | Feb. | M | | | | | | | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | | | | | | | | in. | in. | in. | |
| 1 | · | · | · | ·03 | · | · | · | · | ·05 | ·03 | · | · | 1 |
| 2 | · | ·09 | · | ·69 | ·12 | ·93 | · | · | ·53 | · | ·08 | ·12 | 2 |
| 3 | · | ·02 | · | ·12 | ·04 | ·10 | ·22 | · | ·32 | · | ·92 | ·18 | 3 |
| 4 | · | ·04 | ·02 | ·24 | · | · | ·11 | ·39 | ·67 | ·03 | ·02 | ·12 | 4 |
| 5 | · | · | · | · | · | ·99 | ·43 | 1·21 | ·08 | – | · | ·15 | 5 |
| 6 | · | ·20 | ·03 | ·02 | · | ·27 | ·22 | ·06 | ·26 | ·47 | ·34 | · | 6 |
| 7 | · | ·06 | · | · | ·04 | ·23 | · | ·61 | · | ·05 | ·02 | ·02 | 7 |
| 8 | ·15 | ·07 | ·11 | ·13 | · | ·03 | ·17 | ·48 | · | – | ·20 | ·05 | 8 |
| 9 | · | ·42 | · | ·04 | · | ·24 | ·05 | ·25 | · | ·02 | ·11 | · | 9 |
| 10 | ·17 | ·21 | · | · | ·08 | ·25 | · | ·24 | ·03 | · | ·35 | ·06 | 10 |
| 11 | ·24 | ·10 | · | · | · | · | ·02 | ·01 | ·34 | – | ·17 | · | 11 |
| 12 | · | ·12 | · | · | ·03 | · | ·48 | · | ·10 | ·12 | ·13 | · | 12 |
| 13 | · | ·04 | · | · | · | ·01 | ·11 | ·18 | · | · | · | ·04 | 13 |
| 14 | ·06 | ·02 | · | ·03 | ·02 | ·85 | ·08 | ·84 | ·03 | · | ·56 | – | 14 |
| 15 | ·22 | ·23 | · | ·05 | ·07 | · | ·09 | ·37 | · | · | · | · | 15 |
| 16 | ·31 | ·24 | · | ·46 | ·52 | ·40 | ·02 | ·78 | ·29 | · | · | · | 16 |
| 17 | ·26 | ·09 | · | ·14 | ·25 | · | ·13 | ·25 | · | · | ·18 | · | 17 |
| 18 | ·20 | ·07 | · | ·01 | · | ·44 | ·35 | ·12 | · | · | ·56 | · | 18 |
| 19 | ·16 | ·14 | · | ·04 | · | ·02 | ·34 | ·89 | · | · | ·02 | · | 19 |
| 20 | ·02 | ·06 | ·08 | · | · | ·01 | · | ·48 | · | · | ·07 | · | 20 |
| 21 | ·40 | ·04 | ·03 | ·04 | ·11 | ·04 | ·01 | ·12 | · | · | · | · | 21 |
| 22 | ·06 | · | · | · | ·14 | ·03 | · | · | · | · | ·06 | · | 22 |
| 23 | ·52 | · | · | ·04 | ·24 | ·18 | ·40 | · | · | · | ·22 | ·31 | 23 |
| 24 | ·10 | ·08 | · | ·08 | ·41 | · | · | · | · | · | ·02 | · | 24 |
| 25 | ·09 | ·34 | · | ·30 | ·04 | · | · | · | · | · | ·06 | · | 25 |
| 26 | · | ·05 | · | ·41 | · | · | ·02 | · | · | · | ·41 | ·05 | 26 |
| 27 | ·41 | ·16 | · | ·06 | ·16 | · | ·14 | · | · | ·23 | ·82 | ·07 | 27 |
| 28 | ·32 | ·28 | · | · | ·35 | · | ·02 | · | ·01 | · | · | ·05 | 28 |
| 29 | ·11 | · | · | ·02 | ·04 | · | ·16 | · | · | ·55 | ·06 | · | 29 |
| 30 | · | × | · | · | · | · | · | · | ·05 | · | · | · | 30 |
| 31 | ·24 | × | · | × | · | × | ·18 | · | × | · | × | ·18 | 31 |
| TOTAL | 4·04 | 3·17 | ·27 | 2·95 | 2·66 | 5·02 | 3·75 | 7·28 | 2·76 | 1·50 | 5·38 | 1·40 | YEAR'S TOTAL<br>40·18 |
| *Days with ·01 in. or more. | 19 | 24 | 5 | 20 | 17 | 17 | 22 | 17 | 13 | 8 | 22 | 13 | 197 |
| *Days with ·04 in. or more. | 18 | 22 | 2 | 15 | 15 | 12 | 17 | 16 | 10 | 5 | 18 | 12 | 162 |

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) E. Parker
Surveyor to the Stretford U.D.C.

P.T.O.

2826

Section **A** for the er

COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1931.

*Kept at* Sewage Farm, Bradley Lane, Stretford

*in the County of* Lancashire

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 1 in.

,, Ground ,, Sea Level 65 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | | | | ·03 | | | | | ·05 | ·03 | | | 1 |
| 2 | | ·09 | | ·69 | ·12 | ·93 | | | ·53 | | ·08 | ·12 | 2 |
| 3 | | ·02 | | ·12 | ·04 | ·10 | ·22 | | ·32 | | ·92 | ·18 | 3 |
| 4 | | ·04 | ·02 | ·24 | | | ·11 | ·39 | ·67 | ·03 | ·02 | ·12 | 4 |
| 5 | | | | | | ·99 | ·43 | 1·21 | ·08 | – | | ·15 | 5 |
| 6 | | ·20 | ·03 | ·02 | | ·27 | ·22 | ·06 | ·26 | ·47 | ·34 | | 6 |
| 7 | | ·06 | | | ·04 | ·23 | | ·61 | | ·05 | ·02 | ·02 | 7 |
| 8 | ·15 | ·07 | ·11 | ·13 | | ·03 | ·17 | ·48 | | – | ·20 | ·05 | 8 |
| 9 | | ·42 | | ·04 | | ·24 | ·05 | ·25 | | ·02 | ·11 | | 9 |
| 10 | ·17 | ·21 | | | ·08 | ·25 | | ·24 | ·03 | | ·35 | ·06 | 10 |
| 11 | ·24 | ·10 | | | | | ·02 | ·01 | ·34 | – | ·17 | | 11 |
| 12 | | ·12 | | | ·03 | | ·48 | | ·10 | ·12 | ·13 | | 12 |
| 13 | | ·04 | | | | ·01 | ·11 | ·18 | | | | ·04 | 13 |
| 14 | ·06 | ·02 | | ·03 | ·02 | ·85 | ·08 | ·84 | ·03 | | ·56 | – | 14 |
| 15 | ·22 | ·23 | | ·05 | ·07 | | ·09 | ·37 | | | | | 15 |
| 16 | ·31 | ·24 | | ·46 | ·52 | ·40 | ·02 | ·78 | ·29 | | | | 16 |
| 17 | ·26 | ·09 | | ·14 | ·25 | | ·13 | ·25 | | | ·18 | | 17 |
| 18 | ·20 | ·07 | | ·01 | | ·44 | ·35 | ·12 | | | ·56 | | 18 |
| 19 | ·16 | ·14 | | ·04 | | ·02 | ·34 | ·89 | | | ·02 | | 19 |
| 20 | ·02 | ·06 | ·08 | | | ·01 | | ·48 | | | ·07 | | 20 |
| 21 | ·40 | ·04 | ·03 | ·04 | ·11 | ·04 | ·01 | ·12 | | | | | 21 |
| 22 | ·06 | | | | ·14 | ·03 | | | | | ·06 | | 22 |
| 23 | ·52 | | | ·04 | ·24 | ·18 | ·40 | | | | ·22 | ·31 | 23 |
| 24 | ·10 | ·08 | | ·08 | ·41 | | | | | | ·02 | | 24 |
| 25 | ·09 | ·34 | | ·30 | ·04 | | | | | | ·06 | | 25 |
| 26 | | ·05 | | ·41 | | | ·02 | | | | ·41 | ·05 | 26 |
| 27 | ·41 | ·16 | | ·06 | ·16 | | ·14 | | | ·23 | ·82 | ·07 | 27 |
| 28 | ·32 | ·28 | | | ·35 | | ·02 | | ·01 | | | ·05 | 28 |
| 29 | ·11 | | | ·02 | ·04 | | ·16 | | | ·55 | ·06 | | 29 |
| 30 | | ✕ | | | | | | | ·05 | | | | 30 |
| 31 | ·24 | ✕ | | ✕ | | ✕ | ·18 | | ✕ | | ✕ | ·18 | 31 |
| TOTAL | 4·04 | 3·17 | ·27 | 2·95 | 2·66 | 5·02 | 3·75 | 7·28 | 2·76 | 1·50 | 5·38 | 1·40 | YEAR'S TOTAL<br>40·18 |
| *Days with ·01 in. or more. | 19 | 24 | 5 | 20 | 17 | 17 | 22 | 17 | 13 | 8 | 22 | 13 | 197 |
| *Days with ·04 in. or more. | 18 | 22 | 2 | 15 | 15 | 12 | 17 | 16 | 10 | 5 | 18 | 12 | 162 |

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) E. Parker

Surveyor to the Stretford U.D.C.

P.T.O.

COPY FOR OFFICIAL USE.

**Section** **A** for the entry of Daily Observations. Station No. 2826

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1932.

*Kept at* Sewage Farm, Bradley Lane, Stretford
*in the County of* Lancashire

Diameter of Funnel of Gauge 8 in.
Height of top of Gauge above Ground 1 ft 1 in.
" Ground " Sea Level 65 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·23 | / | / | ·23 | ·08 | / | ·06 | / | ·24 | ·19 | ·10 | ·06 | 1 |
| 2 | ·35 | / | / | / | ·21 | / | ·07 | / | ·67 | / | ·01 | ·22 | 2 |
| 3 | / | / | / | / | / | / | ·19 | / | ·12 | ·25 | / | ·19 | 3 |
| 4 | ·05 | / | / | / | / | / | ·10 | / | / | ·07 | / | ·05 | 4 |
| 5 | ·70 | / | ·11 | ·15 | / | / | ·02 | ·02 | ·07 | ·03 | ·03 | ·01 | 5 |
| 6 | ·75 | / | ·15 | ·33 | / | / | ·19 | / | ·20 | / | / | / | 6 |
| 7 | ·07 | / | ·23 | ·08 | / | / | / | / | ·43 | ·65 | / | / | 7 |
| 8 | / | / | / | ·04 | ·08 | / | / | / | ·04 | ·44 | ·06 | / | 8 |
| 9 | ·13 | / | / | ·02 | ·02 | / | / | / | ·07 | / | / | ·03 | 9 |
| 10 | ·35 | / | / | ·05 | / | / | / | / | ·18 | ·37 | ·02 | / | 10 |
| 11 | ·02 | / | / | ·02 | ·23 | / | ·19 | / | ·11 | ·40 | ·03 | / | 11 |
| 12 | ·21 | / | / | ·03 | ·17 | / | ·29 | ·02 | ·16 | ·39 | / | / | 12 |
| 13 | ·01 | ·03 | / | ·05 | ·07 | / | ·27 | ·05 | ·20 | ·13 | / | ·12 | 13 |
| 14 | ·05 | / | / | ·01 | / | / | ·65 | ·12 | / | ·04 | ·04 | ·10 | 14 |
| 15 | / | / | / | / | ·81 | / | / | / | / | ·08 | / | ·03 | 15 |
| 16 | ·23 | / | / | / | / | / | / | / | / | ·01 | ·05 | ·04 | 16 |
| 17 | / | / | / | / | / | / | ·03 | / | ·04 | ·32 | / | / | 17 |
| 18 | ·04 | / | / | / | ·02 | / | ·02 | / | ·03 | ·04 | / | / | 18 |
| 19 | / | / | / | ·30 | ·08 | / | / | / | / | ·24 | / | / | 19 |
| 20 | / | / | / | ·18 | ·41 | / | / | ·50 | / | ·17 | ·08 | ·04 | 20 |
| 21 | / | / | ·28 | ·09 | ·31 | / | ·02 | ·24 | / | ·45 | ·16 | ·01 | 21 |
| 22 | / | / | ·18 | ·06 | ·42 | / | / | / | / | ·06 | ·73 | ·02 | 22 |
| 23 | / | / | / | ·04 | ·88 | / | / | / | / | ·15 | ·20 | ·03 | 23 |
| 24 | ·07 | / | / | ·02 | ·02 | / | ·31 | / | ·06 | / | ·35 | ·01 | 24 |
| 25 | / | / | / | ·03 | ·04 | ·03 | ·04 | / | ·20 | 1·18 | ·10 | / | 25 |
| 26 | / | / | / | ·10 | ·31 | / | ·07 | / | / | ·21 | ·20 | / | 26 |
| 27 | / | / | ·32 | ·14 | ·29 | ·17 | ·21 | / | / | / | ·15 | ·03 | 27 |
| 28 | / | / | ·09 | ·11 | ·10 | / | ·23 | / | / | / | ·01 | / | 28 |
| 29 | ·05 | / | ·31 | ·59 | ·05 | ·05 | ·03 | / | ·04 | ·82 | ·15 | ·24 | 29 |
| 30 | / | X | ·26 | / | / | ·24 | ·02 | ·83 | ·08 | ·19 | ·21 | ·04 | 30 |
| 31 | / | X | ·09 | X | ·01 | X | ·44 | ·07 | X | / | X | ·06 | 31 |
| TOTAL | 3·31 | ·03 | 2·02 | 2·67 | 4·61 | ·49 | 3·45 | 1·85 | 2·94 | 6·93 | 2·68 | 1·33 | YEAR'S TOTAL<br>32·21 |
| *Days with ·01 in. or more. | 16 | 1 | 10 | 22 | 21 | 4 | 21 | 8 | 18 | 24 | 19 | 19 | 183 |
| *Days with .04 in. or more. | 14 | / | 10 | 16 | 17 | 3 | 15 | 6 | 17 | 22 | 14 | 11 | 145 |

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*See Instruction 2 (*f*) on other side

(*Signed*) E. Parker
Surveyor to the Stretford U.D.C

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2826

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1933.

*Kept at* Sewage Farm, Bradley Lane, Stretford.

*in the County of* Lancaster

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 1 in.

,, Ground ,, Sea Level 65 ft.

Est Part Jan & Feb. by surrounding stations Observer informed 7/4/34 & agrees 12/4/34

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | ·03 | + | / | / | / | ·15 | / | ·03 | / | / | ·19 | / | | 1 |
| 2 | ·33 | | ·06 | ·25 | ·01 | ·01 | / | ·16 | / | / | / | / | | 2 |
| 3 | ·02 | | ·09 | / | ·49 | / | / | / | / | / | ·03 | / | | 3 |
| 4 | ·22 | | / | / | ·02 | / | / | / | / | / | / | / | | 4 |
| 5 | ·19 | | ·15 | / | ·04 | / | / | / | / | / | ·04 | / | | 5 |
| 6 | / | + | ·03 | / | ·24 | / | ·53 | / | / | / | / | ·03 | | 6 |
| 7 | ·09 | + | / | / | ·04 | / | ·25 | ·06 | / | ·83 | / | / | | 7 |
| 8 | ·23 | + | ·23 | / | ·04 | ·15 | ·35 | / | / | / | / | ·02 | | 8 |
| 9 | / | + | / | ·15 | ·03 | ·02 | ·04 | / | / | ·40 | ·10 | / | | 9 |
| 10 | / | + | / | / | / | ·05 | ·32 | / | / | ·95 | ·05 | / | | 10 |
| 11 | / | | / | / | / | ·01 | ·49 | / | / | ·20 | ·01 | ·05 | | 11 |
| 12 | ·06 | | / | / | ·17 | ·09 | ·44 | / | / | ·15 | ·13 | ·04 | | 12 |
| 13 | ·05 | | / | / | ·14 | ·01 | ·05 | ·05 | / | ·12 | ·18 | / | | 13 |
| 14 | / + | | / | / | / | / | ·04 | ·09 | / | ·07 | ·19 | / | | 14 |
| 15 | / + | | / | / | / | / | / | ·06 | / | ·39 | / | / | | 15 |
| 16 | / + | ✓ | ·11 | / | ·04 | ·10 | / | ·01 | / | ·17 | / | / | | 16 |
| 17 | / ✓ | | ·70 | / | / | ·85 | / | / | / | ·01 | / | / | | 17 |
| 18 | / ✓ | | ·50 | / | ·04 | ·86 | / | / | / | / | / | / | | 18 |
| 19 | / | | ·40 | / | / | ·04 | / | / | ·30 | / | ·04 | ·01 | | 19 |
| 20 | / | + | ·06 | / | ·01 | ·01 | / | ·37 | / | / | / | / | | 20 |
| 21 | / | | / | / | ·02 | / | / | ·69 | / | / | / | / | | 21 |
| 22 | | | / | / | ·01 | ·30 | / | ·10 | / | ·08 | / | / | | 22 |
| 23 | | | / | ·10 | / | ·10 | / | ·08 | ·13 | ·09 | / | / | | 23 |
| 24 | | + | / | ·10 | ·02 | ·15 | / | / | ·34 | / | / | / | | 24 |
| 25 | | + | / | ·13 | / | / | / | / | ·11 | / | / | ·04 | | 25 |
| 26 | | + | / | ·13 | ·14 | ·01 | / | / | / | ·30 | / | / | | 26 |
| 27 | | ✓ | / | / | ·01 | / | / | / | ·02 | / | / | / | | 27 |
| 28 | | | / | ·07 | ·10 | ·01 | ·06 | / | / | ·09 | / | / | | 28 |
| 29 | | | / | / | ·01 | / | ·07 | / | / | / | / | ·04 | | 29 |
| 30 | + | X | ·07 | ·13 | ·01 | ·02 | ·05 | / | / | ·12 | / | ·15 | | 30 |
| 31 | + (0·90) | X | / | X | / | X | ·09 | ·04 | X | ·35 | X | / | | 31 (24·42) |
| TOTAL | (2.12) ~~1.22~~ | (2.90) | 2·40 | 1·06 | 1·63 | 2·94 | 2·77 | 1·74 | ·90 | 4·32 | ·96 | ·38 | ~~Year's~~ Total ~~20.32~~ (15.5) | ~~Not a complete year~~ |
| *Days with ·01 in. or more. | ~~9~~ (16) | (16) | 11 | 8 | 21 | 19 | 13 | 12 | 5 | 16 | 10 | 8 | ~~[illegible]~~ (119) | |
| *Days with ·04 in. or more. | ~~7~~ (12) | (12) | 10 | 8 | 11 | 11 | 13 | 10 | 4 | 15 | 8 | 5 | ~~[illegible]~~ | |

Serious illness and death of Sewage Farm Foreman rendered impracticable the taking of records during this period

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*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(Signed) E Parker

Borough Surveyor, Town Hall, Stretford

[P.T.O.

D

**Section** **A** for the entry of Daily Observations.

COPY FOR OFFICIAL USE.

Station No. 2826

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1934.

*Kept at* Sewage Farm, Bradley Lane, Stretford

*in the County of* Lancaster

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft 1 in.

,, Ground ,, Sea Level 65 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·08 | – | – | – | – | – | – | ·04 | ·03 | ·03 | ·15 | ·53 | | 1 |
| 2 | TR | ·02 | ·12 | – | – | – | – | ·38 | ·03 | ·04 | ·18 | ·36 | | 2 |
| 3 | ·02 | ·01 | – | – | ·01 | – | – | ·15 | ·02 | ·03 | ·01 | ·01 | | 3 |
| 4 | ·28 | – | ·16 | – | ·07 | – | – | ·05 | ·05 | ·96 | – | 1·13 | | 4 |
| 5 | – | – | ·05 | – | ·50 | – | – | ·45 | – | ·20 | – | ·03 | | 5 |
| 6 | – | – | ·04 | – | ·50 | ·07 | – | ·06 | – | ·20 | – | ·27 | | 6 |
| 7 | ·30 | – | ·14 | ·02 | – | ·03 | – | – | – | ·10 | ·12 | ·26 | | 7 |
| 8 | TR. | – | ·04 | – | ·05 | ·86 | – | – | ·01 | ·13 | ·52 | ·01 | | 8 |
| 9 | – | ·02 | ·22 | ·01 | – | – | – | ·08 | – | – | ·38 | ·08 | | 9 |
| 10 | – | – | ·31 | ·04 | – | – | – | ·08 | – | ·17 | ·03 | – | | 10 |
| 11 | ·06 | – | ·01 | ·20 | – | – | – | ·11 | – | – | ·05 | ·08 | | 11 |
| 12 | – | – | – | ·04 | – | – | ·11 | ·03 | – | ·02 | ·01 | ·04 | | 12 |
| 13 | ·20 | – | – | ·04 | ·04 | – | – | – | – | ·05 | TR. | – | | 13 |
| 14 | ·25 | – | – | – | ·06 | ·02 | – | – | – | ·21 | ·02 | ·03 | | 14 |
| 15 | ·11 | ·01 | ·35 | – | ·54 | – | ·01 | ·10 | ·05 | ·05 | – | ·19 | | 15 |
| 16 | ·31 | – | ·09 | – | ·15 | – | – | – | – | ·08 | – | ·04 | | 16 |
| 17 | ·17 | – | ·24 | ·02 | ·12 | – | ·23 | – | ·48 | ·05 | – | ·10 | | 17 |
| 18 | ·06 | – | ·09 | ·21 | ·28 | ·14 | – | ·05 | – | – | – | ·11 | | 18 |
| 19 | – | – | ·15 | – | ·05 | ·35 | – | – | ·28 | ·12 | – | ·01 | | 19 |
| 20 | – | – | ·04 | ·07 | ·13 | ·02 | – | – | ·21 | ·04 | – | ·01 | | 20 |
| 21 | ·06 | – | ·04 | ·02 | ·01 | ·40 | – | ·02 | ·09 | ·13 | – | – | | 21 |
| 22 | ·02 | – | ·05 | – | – | – | – | ·14 | ·40 | ·13 | – | ·02 | | 22 |
| 23 | – | – | ·12 | ·58 | ·02 | ·04 | ·24 | ·05 | ·01 | ·12 | ·03 | ·08 | | 23 |
| 24 | – | ·18 | ·02 | ·21 | – | ·04 | ·12 | – | ·09 | – | – | – | | 24 |
| 25 | ·01 | ·09 | – | ·09 | ·02 | – | ·15 | – | ·12 | ·15 | – | ·42 | | 25 |
| 26 | ·07 | – | ·02 | ·14 | – | ·04 | ·22 | – | ·21 | ·11 | – | ·08 | | 26 |
| 27 | – | – | – | ·03 | ·01 | ·15 | ·30 | – | ·02 | ·20 | ·02 | ·32 | | 27 |
| 28 | ·01 | – | – | – | – | ·30 | ·05 | ·31 | ·03 | ·18 | – | ·49 | | 28 |
| 29 | TR | × | – | – | – | – | ·06 | ·42 | ·38 | ·71 | – | ·10 | | 29 |
| 30 | ·08 | × | – | – | – | – | ·05 | ·25 | ·10 | ·25 | – | ·01 | | 30 |
| 31 | – | × | – | × | – | × | ·17 | ·03 | × | ·12 | × | ·10 | | 31 |
| TOTAL | 2·09 | ·33 | 2·30 | 1·72 | 2·56 | 1·86 | 1·71 | 2·80 | 2·61 | 4·58 | 1·82 | 4·91 | Year's Total. 28·99 | |
| * Days with .01 in. or more. | 17 | 6 | 20 | 15 | 17 | 13 | 12 | 19 | 19 | 27 | 18 | 27 | 204 | |
| * Days with .04 in. or more. | 13 | 2 | 17 | 10 | 12 | 10 | 11 | 16 | 12 | 24 | 6 | 19 | 152 | |

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† Spare column, no entries required.

(Signed) E. Parker

Borough Surveyor, Town Hall, Stretford

* See Instruction 2 (f) on other side.

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2826

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1935.

*Kept at* Sewage Farm, Bradley Lane, Stretford

*in the County of* Lancaster

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 1 in.

,, Ground ,, Sea Level 65 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf.

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·55 | ·28 | – | ·06 | – | ·08 | ·03 | – | ·08 | ·35 | ·02 | ·36 | | 1 |
| 2 | ·05 | ·06 | ·05 | – | – | ·16 | – | – | ·02 | ·08 | ·01 | ·17 | | 2 |
| 3 | ·10 | ·42 | ·06 | ·02 | – | ·04 | ·15 | – | ·09 | ·04 | ·08 | ·17 | | 3 |
| 4 | – | ·03 | TR | ·01 | – | ·11 | – | – | ·29 | ·23 | – | ·02 | | 4 |
| 5 | – | ·26 | ·07 | ·12 | – | ·04 | – | ·05 | ·32 | ·03 | ·26 | ·29 | | 5 |
| 6 | – | – | – | ·04 | – | ·21 | – | ·05 | – | – | – | – | | 6 |
| 7 | – | – | – | ·08 | – | ·27 | – | – | – | ·16 | ·25 | ·25 | | 7 |
| 8 | – | – | – | ·06 | – | ·21 | – | – | – | ·06 | ·10 | ·56 | | 8 |
| 9 | – | ·01 | – | ·28 | – | ·07 | – | – | – | 1·21 | ·08 | – | | 9 |
| 10 | ·05 | ·06 | – | ·10 | – | – | – | – | – | ·08 | ·28 | – | | 10 |
| 11 | ·31 | ·05 | – | – | – | ·10 | – | ·05 | – | ·17 | ·06 | – | | 11 |
| 12 | – | ·03 | – | – | – | ·46 | – | – | ·07 | – | – | – | | 12 |
| 13 | ·18 | ·05 | – | ·06 | ·23 | ·09 | – | – | ·09 | ·02 | – | – | | 13 |
| 14 | – | – | – | – | ·01 | ·05 | – | – | ·06 | – | 1·08 | ·31 | | 14 |
| 15 | – | ·35 | – | ·33 | ·15 | – | ·06 | – | ·03 | ·02 | ·03 | ·55 | | 15 |
| 16 | ·02 | ·19 | ·11 | ·20 | ·04 | ·33 | ·06 | ·03 | ·48 | ·01 | ·27 | – | | 16 |
| 17 | – | – | – | ·31 | ·29 | ·28 | ·31 | ·07 | ·14 | ·03 | ·51 | – | | 17 |
| 18 | – | – | – | ·19 | ·14 | ·16 | ·02 | ·13 | ·43 | ·17 | ·01 | – | | 18 |
| 19 | – | TR. | – | ·29 | ·12 | ·34 | ·15 | ·08 | – | ·09 | ·20 | ·03 | | 19 |
| 20 | – | ·31 | – | ·35 | – | ·15 | ·11 | – | – | – | – | – | | 20 |
| 21 | – | ·30 | ·02 | – | – | – | – | – | ·30 | ·10 | TR | ·27 | | 21 |
| 22 | – | ·15 | ·03 | – | – | – | – | – | ·02 | TR. | TR. | TR. | | 22 |
| 23 | ·04 | – | ·50 | ·01 | – | – | – | ·21 | ·07 | ·43 | – | – | | 23 |
| 24 | ·31 | ·20 | ·06 | ·01 | – | – | – | ·01 | 1·06 | ·06 | – | ·08 | | 24 |
| 25 | ·22 | – | ·05 | – | – | ·19 | – | – | ·05 | ·05 | ·04 | ·06 | | 25 |
| 26 | – | – | – | – | – | – | – | ·82 | ·43 | ·07 | ·20 | ·23 | | 26 |
| 27 | – | ·01 | – | – | ·05 | ·05 | ·08 | – | ·44 | ·34 | ·32 | ·06 | | 27 |
| 28 | ·02 | ·05 | – | – | ·02 | – | – | ·02 | ·11 | ·23 | ·04 | TR. | | 28 |
| 29 | ·01 | × | ·02 | – | – | – | – | ·06 | ·30 | ·15 | ·08 | ·07 | | 29 |
| 30 | ·06 | × | – | ·02 | – | ·17 | – | ·10 | ·15 | ·37 | ·56 | ·04 | | 30 |
| 31 | ·05 | × | – | × | – | × | – | – | × | ·24 | × | ·23 | | 31 |
| TOTAL | 1·97 | 2·81 | ·97 | 2·54 | 1·05 | 3·56 | ·97 | 1·65 | 5·03 | 4·79 | 4·48 | 3·75 | Year's Total<br>33·57 | |
| * Days with .01 in. or more. | 14 | 18 | 10 | 19 | 9 | 21 | 9 | 13 | 22 | 26 | 21 | 18 | 200 | |
| * Days with .04 in. or more. | 11 | 14 | 7 | 14 | 7 | 21 | 7 | 10 | 19 | 21 | 17 | 16 | 163 | |

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† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(*Signed*) E. Parker [P.T.O.

BOROUGH SURVEYOR STRETFORD

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2826

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1936.

*Kept at* Sewage Farm, Bradley Lane. Stretford.

*in the County of* Lancaster

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 1 in.

,, Ground ,, Sea Level 65 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

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| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·23 | ·14 | ·10 | ·03 | - | - | ·08 | ·09 | ·01 | - | - | ·14 | | 1 |
| 2 | - | ·07 | ·03 | ·14 | - | ·01 | - | ·42 | ·05 | - | ·13 | ·22 | | 2 |
| 3 | ·10 | - | TR. | ·09 | - | ·39 | - | ·01 | - | - | ·06 | ·12 | | 3 |
| 4 | ·10 | - | TR. | - | - | ·14 | ·01 | ·12 | ·96 | - | - | ·03 | | 4 |
| 5 | ·14 | ·29 | ·19 | - | - | - | - | ·05 | ·86 | - | ·24 | ·19 | | 5 |
| 6 | ·03 | ·06 | ·21 | - | - | TR. | - | ·36 | ·28 | - | - | ·35 | | 6 |
| 7 | ·01 | - | - | - | TR. | TR. | ·09 | ·48 | ·31 | - | ·02 | - | | 7 |
| 8 | - | - | ·03 | - | - | - | ·08 | - | ·45 | - | ·06 | ·26 | | 8 |
| 9 | ·17 | - | ·12 | - | - | - | - | - | - | - | ·34 | ·09 | | 9 |
| 10 | ·27 | - | ·01 | - | - | - | ·05 | - | ·08 | - | ·16 | - | | 10 |
| 11 | ·03 | - | - | - | ·04 | - | ·14 | - | - | - | ·11 | ·01 | | 11 |
| 12 | - | - | - | - | - | ·15 | ·28 | ·08 | ·02 | - | ·36 | - | | 12 |
| 13 | - | - | - | ·02 | ·08 | ·54 | ·26 | - | ·30 | ·07 | ·02 | ·02 | | 13 |
| 14 | TR. | - | - | TR. | - | ·02 | ·08 | - | - | ·14 | ·02 | ·42 | | 14 |
| 15 | - | - | - | ·05 | - | ·41 | ·04 | ·12 | ·31 | ·07 | ·23 | ·43 | | 15 |
| 16 | ·30 | TR. | - | ·11 | ·15 | ·03 | - | ·07 | ·04 | - | ·39 | ·05 | | 16 |
| 17 | ·06 | ·07 | ·03 | ·18 | ·02 | - | ·04 | - | - | - | ·63 | ·01 | | 17 |
| 18 | ·09 | ·28 | - | TR. | - | - | ·12 | ·13 | - | ·35 | ·02 | ·06 | | 18 |
| 19 | - | ·03 | - | ·03 | - | ·15 | ·31 | ·11 | - | ·40 | - | - | | 19 |
| 20 | ·20 | ·13 | - | ·23 | - | ·25 | ·06 | ·34 | - | ·06 | - | - | | 20 |
| 21 | ·40 | ·05 | ·03 | - | - | - | ·03 | - | - | ·01 | - | - | | 21 |
| 22 | ·17 | - | - | ·03 | - | ·12 | - | - | - | ·04 | - | - | | 22 |
| 23 | ·11 | ·28 | ·02 | - | - | ·25 | ·21 | - | - | - | - | ·06 | | 23 |
| 24 | - | ·02 | ·12 | ·06 | - | - | ·31 | - | - | ·05 | ·02 | - | | 24 |
| 25 | ·09 | - | - | ·03 | ·06 | - | - | - | ·32 | ·34 | ·01 | - | | 25 |
| 26 | ·30 | - | - | ·08 | - | - | - | - | ·38 | ·18 | - | - | | 26 |
| 27 | ·04 | ·18 | ·02 | ·03 | - | - | ·13 | - | ·10 | ·46 | - | - | | 27 |
| 28 | ·80 | - | - | - | - | - | - | - | ·09 | ·46 | - | - | | 28 |
| 29 | ·17 | ·20 | ·08 | - | - | - | ·11 | - | - | - | - | ·15 | | 29 |
| 30 | ·06 | ✕ | ·37 | - | ·08 | ·45 | ·05 | - | - | ·08 | ·17 | ·20 | | 30 |
| 31 | ·11 | ✕ | - | ✕ | ·30 | ✕ | ·27 | - | ✕ | ·38 | ✕ | ·04 | | 31 |
| TOTAL | 3·98 | 1·80 | 1·36 | 1·11 | ·73 | 2·91 | 2·75 | 2·33 | 4·56 | 3·09 | 2·99 | 2·85 | Year's Total<br>30·46 | ✓ |
| * Days with .01 in. or more. | 23 | 13 | 14 | 14 | 7 | 13 | 21 | 13 | 16 | 15 | 18 | 19 | 186 | ✓ |
| * Days with .04 in. or more. | 20 | 11 | 7 | 8 | 6 | 10 | 19 | 11 | 13 | 14 | 12 | 15 | 146 | ✓ |

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* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) ................................ [P.T.O.

BOROUGH SURVEYOR. STRETFORD.

COPY FOR OFFICIAL USE

**Section** A for the entry of Daily Observations

Station No. 2826

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1937.

*Kept at* SEWAGE FARM, BRADLEY LANE, STRETFORD.

*in the County of* LANCASTER.

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 1 in.

,, Ground ,, Sea Level 65 ft.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | .03 | .27 | .03 | - | - | - | - | - | .14 | .01 | - | .26 | | 1 |
| 2 | .04 | .14 | .04 | .15 | - | - | .03 | - | - | - | - | - | | 2 |
| 3 | - | .07 | .02 | .02 | .21 | .26 | .09 | - | .03 | - | - | - | | 3 |
| 4 | .22 | .04 | .02 | .08 | .07 | - | - | .01 | - | - | - | .40 | | 4 |
| 5 | .88 | - | .03 | .01 | - | .04 | .02 | - | - | - | - | .45 | | 5 |
| 6 | .17 | - | - | .06 | .23 | - | - | .79 | TR. | - | - | .03 | | 6 |
| 7 | .01 | .23 | - | .28 | .02 | .03 | - | - | .06 | - | - | .05 | | 7 |
| 8 | - | .46 | - | .06 | .01 | .04 | .29 | - | - | - | .07 | TR. | | 8 |
| 9 | - | .14 | .03 | .02 | .32 | .02 | .33 | .05 | - | - | - | - | | 9 |
| 10 | - | .16 | .03 | - | .01 | .04 | .04 | .09 | .11 | - | - | .17 | | 10 |
| 11 | - | .04 | .09 | - | .35 | - | .02 | - | - | - | - | .05 | | 11 |
| 12 | .03 | .40 | - | - | .02 | .09 | .02 | - | .26 | - | - | .14 | | 12 |
| 13 | - | .13 | .02 | - | - | .11 | - | .46 | - | - | - | .18 | | 13 |
| 14 | - | .03 | .06 | - | - | - | - | .28 | .04 | - | .05 | .10 | | 14 |
| 15 | .21 | .18 | - | .32 | - | - | .68 | - | .05 | - | - | .04 | | 15 |
| 16 | .06 | .36 | .09 | .28 | - | - | - | .08 | .07 | - | - | - | | 16 |
| 17 | .04 | .06 | .25 | .17 | .05 | .02 | - | .02 | .03 | - | - | - | | 17 |
| 18 | .56 | .13 | .14 | .27 | - | - | - | .15 | .01 | - | .50 | - | | 18 |
| 19 | .17 | .11 | .05 | .17 | - | .02 | .11 | .02 | TR. | - | .26 | - | | 19 |
| 20 | .03 | .04 | - | .30 | .17 | .07 | .03 | - | - | - | - | .07 | | 20 |
| 21 | - | .14 | .04 | .16 | - | - | .20 | - | - | .09 | - | .02 | | 21 |
| 22 | .03 | .05 | .11 | - | .02 | - | .03 | - | - | .31 | .21 | .09 | | 22 |
| 23 | .10 | - | - | - | .45 | - | .06 | - | - | .25 | .15 | - | | 23 |
| 24 | .12 | .13 | .11 | - | - | - | .02 | - | .20 | .22 | .01 | .04 | | 24 |
| 25 | - | .41 | - | - | - | - | - | .01 | .02 | .02 | - | .05 | | 25 |
| 26 | - | .24 | .19 | - | .45 | - | - | TR. | - | - | - | .01 | | 26 |
| 27 | - | .31 | - | .19 | - | - | - | - | - | .33 | - | .03 | | 27 |
| 28 | - | .32 | - | - | - | - | - | - | - | .18 | - | TR. | | 28 |
| 29 | - | - | - | - | .05 | .05 | - | - | - | .02 | .16 | TR. | | 29 |
| 30 | .07 | ✕ | - | - | - | .30 | - | - | - | .08 | .59 | TR. | | 30 |
| 31 | .38 | ✕ | - | ✕ | - | ✕ | - | .01 | ✕ | .09 | ✕ | - | | 31 |
| TOTAL | 3.15 | 4.59 | 1.35 | 2.54 | 2.43 | 1.09 | 1.97 | 1.97 | 1.02 | 1.60 | 2.00 | 2.18 | Year's Total 25.89 | |
| * Days with .01 in. or more. | 18 | 25 | 18 | 16 | 15 | 13 | 15 | 12 | 12 | 11 | 9 | 18 | 182 | |
| * Days with .04 in. or more. | 13 | 24 | 11 | 13 | 10 | 9 | 8 | 7 | 8 | 8 | 8 | 14 | 133 | |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) S. Parker [P.T.O.

BOROUGH SURVEYOR, STRETFORD.

2827

Section **A** for the entr

AIR MINIS

FORM 1090.

**REG**

Kept at Longford

in the County of La

Diameter of Funnel of Gauge...

Height of top of Gauge above Gr

,, Ground ,, Se

**THE MORNING MEA**

*An observer who does not conform*
*year in the space on the right o*

2827

STRETFORD LONGFORD YARD

1931 —— 40

7P0501

COPY FOR OFFICIAL USE.

ALL ORGANIZATION.

31 .

7 feet on 1/7/31.

+13 2

hereof

Y.

*following*

Jan. 1, following

| Date | Jan. | Feb. | Marc | | | | | | | | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | | | | | | | | in. | in. | |
| 1 | ·07 | - | - | ·10 | - | - | - | - | ·05 | ·02 | - | - | 1 |
| 2 | - | ·09 | - | ·36 | ·05 | ·94 | - | - | ·48 | - | ·05 | ·03 | 2 |
| 3 | - | - | - | - | - | ·04 | ·25 | - | ·32 | ·01 | ·84 | ·25 | 3 |
| 4 | - | ·01 | - | - | - | - | ·11 | ·40 | ·57 | ·01 | ·01 | ·23 | 4 |
| 5 | - | ·05 | - | ·16 | ·14 | 1·05 | ·40 | ·73 | ·08 | - | - | ·17 | 5 |
| 6 | - | ·28 | - | ·54 | ·04 | ·40 | ·18 | ·05 | ·17 | ·45 | ·36 | ·01 | 6 |
| 7 | - | - | - | - | - | ·16 | - | ·49 | - | ·07 | - | ·03 | 7 |
| 8 | ·09 | ·09 | - | ·17 | - | - | ·18 | ·37 | - | - | ·23 | ·01 | 8 |
| 9 | - | ·46 | ·02 | ·19 | - | ·14 | ·01 | ·28 | ·03 | ·01 | ·16 | ·03 | 9 |
| 10 | ·02 | ·04 | - | - | ·16 | ·26 | - | ·21 | ·03 | - | ·32 | - | 10 |
| 11 | ·36 | ·27 | - | - | - | ·01 | ·01 | - | ·42 | - | ·15 | - | 11 |
| 12 | ·04 | ·15 | - | ·04 | - | - | ·52 | ·01 | ·10 | ·14 | ·11 | - | 12 |
| 13 | - | - | ·06 | - | - | - | ·07 | ·21 | - | - | - | - | 13 |
| 14 | ·10 | ·29 | - | - | ·08 | ·76 | ·03 | ·93 | ·02 | - | ·61 | ·01 | 14 |
| 15 | ·25 | ·14 | - | ·18 | ·15 | - | ·11 | ·49 | - | - | - | ·06 | 15 |
| 16 | ·28 | ·12 | - | ·26 | ·24 | ·40 | ·01 | ·62 | ·26 | - | - | - | 16 |
| 17 | ·07 | ·01 | - | ·06 | ·29 | - | ·04 | ·33 | - | - | ·15 | - | 17 |
| 18 | ·44 | - | - | ·02 | - | ·51 | ·40 | ·13 | - | - | ·64 | - | 18 |
| 19 | ·22 | ·19 | - | ·01 | - | - | ·15 | 1·03 | - | ·01 | - | ·04 | 19 |
| 20 | ·04 | ·22 | ·13 | - | - | ·02 | - | ·56 | - | - | ·02 | ·03 | 20 |
| 21 | ·16 | ·08 | ·05 | - | ·18 | ·05 | - | ·12 | - | - | ·08 | - | 21 |
| 22 | ·26 | ·02 | - | - | ·19 | ·05 | - | - | - | - | ·07 | - | 22 |
| 23 | ·53 | - | - | ·08 | ·16 | ·21 | ·41 | - | - | - | ·26 | ·21 | 23 |
| 24 | ·09 | ·11 | - | ·08 | ·66 | - | ·02 | - | - | - | ·01 | ·04 | 24 |
| 25 | ·06 | ·46 | - | ·40 | - | - | - | - | - | - | ·02 | ·03 | 25 |
| 26 | ·01 | ·08 | - | ·70 | - | - | ·11 | - | - | - | ·46 | - | 26 |
| 27 | ·40 | ·13 | - | - | ·20 | - | ·09 | - | - | ·26 | ·81 | ·02 | 27 |
| 28 | ·35 | ·50 | - | - | ·18 | - | ·07 | - | ·07 | - | - | ·09 | 28 |
| 29 | ·14 | - | - | - | ·07 | - | - | - | - | ·49 | ·03 | - | 29 |
| 30 | - | ✕ | - | ·10 | - | - | - | - | ·04 | - | - | - | 30 |
| 31 | ·28 | ✕ | - | ✕ | - | ✕ | ·13 | - | ✕ | - | ✕ | ·02 | 31 |
| TOTAL | 4·26 | 3·79 | ·26 | 3·45 | 2·79 | 5·00 | 3·30 | 6·96 | 2·64 | 1·47 | 5·39 | 1·31 | YEAR'S TOTAL (40·62)? |
| *Days with ·01 in. or more. | 22 | 22 | 4 | 17 | 15 | 15 | 21 | 17 | 14 | 10 | 21 | 18 | 196 |
| *Days with ·04 in. or more. | 20 | 19 | 3 | 15 | 15 | 13 | 16 | 16 | 11 | 5 | 16 | 8 | 157 |

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) C. Parker

Surveyor to the Stretford U.D.C.
+ in brackets as moved.

[P.T.O.]

Section **A** for the entr

2827

COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1931.

*Kept at* Longford Yard, Stretford.

*in the County of* Lancashire.

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft 1 in.

,, Ground ,, Sea Level 87 ft.

Gauge moved 12½' West & lifted 7 feet on 1/7/31.

Letter sent re gauge being raised 14/4/32

See note on back hereof

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·07 | - | - | ·10 | - | - | - | - | ·05 | ·02 | - | - | 1 |
| 2 | - | ·09 | - | ·36 | ·05 | ·94 | - | - | ·48 | - | ·05 | ·03 | 2 |
| 3 | - | - | - | - | - | ·04 | ·25 | - | ·32 | ·01 | ·84 | ·25 | 3 |
| 4 | - | ·01 | - | - | - | - | ·11 | ·40 | ·57 | ·01 | ·01 | ·23 | 4 |
| 5 | - | ·05 | - | ·16 | ·14 | 1·05 | ·40 | ·73 | ·08 | - | - | ·17 | 5 |
| 6 | - | ·28 | - | ·54 | ·04 | ·40 | ·18 | ·05 | ·17 | ·45 | ·36 | ·01 | 6 |
| 7 | - | - | - | - | - | ·16 | - | ·49 | - | ·07 | - | ·03 | 7 |
| 8 | ·09 | ·09 | - | ·17 | - | - | ·18 | ·37 | - | - | ·23 | ·01 | 8 |
| 9 | - | ·46 | ·02 | ·19 | - | ·14 | ·01 | ·28 | ·03 | ·01 | ·16 | ·03 | 9 |
| 10 | ·02 | ·04 | - | - | ·16 | ·26 | - | ·21 | ·03 | - | ·32 | - | 10 |
| 11 | ·36 | ·27 | - | - | - | ·01 | ·01 | - | ·42 | - | ·15 | - | 11 |
| 12 | ·04 | ·15 | - | ·04 | - | - | ·52 | ·01 | ·10 | ·14 | ·11 | - | 12 |
| 13 | - | - | ·06 | - | - | - | ·07 | ·21 | - | - | - | - | 13 |
| 14 | ·10 | ·29 | - | - | ·08 | ·76 | ·03 | ·93 | ·02 | - | ·61 | ·01 | 14 |
| 15 | ·25 | ·14 | - | ·18 | ·15 | - | ·11 | ·49 | - | - | - | ·06 | 15 |
| 16 | ·28 | ·12 | - | ·26 | ·24 | ·40 | ·01 | ·62 | ·26 | - | - | - | 16 |
| 17 | ·07 | ·01 | - | ·06 | ·29 | - | ·04 | ·33 | - | - | ·15 | - | 17 |
| 18 | ·44 | - | - | ·02 | - | ·51 | ·40 | ·13 | - | - | ·64 | - | 18 |
| 19 | ·22 | ·19 | - | ·01 | - | - | ·15 | 1·03 | - | ·01 | - | ·04 | 19 |
| 20 | ·04 | ·22 | ·13 | - | - | ·02 | - | ·56 | - | - | ·02 | ·03 | 20 |
| 21 | ·16 | ·08 | ·05 | - | ·18 | ·05 | - | ·12 | - | - | ·08 | - | 21 |
| 22 | ·26 | ·02 | - | - | ·19 | ·05 | - | - | - | - | ·07 | - | 22 |
| 23 | ·53 | - | - | ·08 | ·16 | ·21 | ·41 | - | - | - | ·26 | ·21 | 23 |
| 24 | ·09 | ·11 | - | ·08 | ·66 | - | ·02 | - | - | - | ·01 | ·04 | 24 |
| 25 | ·06 | ·46 | - | ·40 | - | - | - | - | - | - | ·02 | ·03 | 25 |
| 26 | ·01 | ·08 | - | ·70 | - | - | ·11 | - | - | - | ·46 | - | 26 |
| 27 | ·40 | ·13 | - | - | ·20 | - | ·09 | - | - | ·26 | ·81 | ·02 | 27 |
| 28 | ·35 | ·50 | - | - | ·18 | - | ·07 | - | ·07 | - | - | ·09 | 28 |
| 29 | ·14 | - | - | - | ·07 | - | - | - | - | ·49 | ·03 | - | 29 |
| 30 | - | × | - | ·10 | - | - | - | - | ·04 | - | - | - | 30 |
| 31 | ·28 | × | - | × | - | × | ·13 | - | × | - | × | ·02 | 31 |
| TOTAL | 4·26 | 3·79 | ·26 | 3·45 | 2·79 | 5·00 | 3·30 | 6·96 | 2·64 | 1·47 | 5·39 | 1·31 | YEAR'S TOTAL (40·62)? |
| *Days with ·01 in. or more. | 22 | 22 | 4 | 17 | 15 | 15 | 21 | 17 | 14 | 10 | 21 | 18 | 196 |
| *Days with ·04 in. or more. | 20 | 19 | 3 | 15 | 15 | 13 | 16 | 16 | 11 | 5 | 16 | 8 | 157 |

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) E. Parker

Surveyor to the Stretford U.D.C.
+ on brackets as moved.

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2827

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1932.

*Kept at* Longford Yard, Stretford

*in the County of* Lancashire

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft 1 in.

„ Ground „ Sea Level 87 ft.

X See Note on back hereof X

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf.

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·08 | ·01 | — | ·21 | ·11 | — | ·04 | ·01 | ·26 | ·20 | ·08 | ·07 | 1 |
| 2 | ·48 | — | — | — | ·18 | — | ·08 | ·02 | ·84 | ·24 | ·04 | ·21 | 2 |
| 3 | — | — | — | ·02 | — | — | ·21 | — | ·16 | — | ·05 | ·21 | 3 |
| 4 | ·02 | — | — | — | — | — | ·12 | ·01 | ·06 | ·07 | ·14 | ·03 | 4 |
| 5 | ·79 | — | ·13 | ·11 | ·01 | — | ·01 | — | ·09 | — | — | ·01 | 5 |
| 6 | ·78 | — | ·06 | ·29 | — | — | ·09 | — | ·22 | — | — | — | 6 |
| 7 | ·16 | — | ·27 | ·05 | — | — | ·01 | — | ·48 | ·52 | — | — | 7 |
| 8 | — | — | — | ·06 | — | — | — | — | ·06 | ·61 | — | — | 8 |
| 9 | ·03 | — | — | ·17 | ·09 | — | — | — | ·02 | — | — | ·02 | 9 |
| 10 | ·37 | — | — | ·01 | — | — | — | — | ·44 | ·39 | ·02 | — | 10 |
| 11 | ·03 | ·04 | — | — | ·29 | — | ·20 | ·01 | — | ·02 | — | — | 11 |
| 12 | ·20 | — | — | — | ·20 | ·01 | ·30 | ·01 | ·02 | ·36 | — | — | 12 |
| 13 | — | ·02 | — | ·01 | ·07 | — | ·25 | ·07 | ·20 | ·51 | — | ·14 | 13 |
| 14 | ·03 | — | — | — | — | — | ·61 | ·16 | ·01 | ·12 | ·06 | ·08 | 14 |
| 15 | — | — | — | ·06 | ·73 | — | — | — | — | ·11 | — | ·01 | 15 |
| 16 | ·23 | — | — | — | ·01 | — | — | — | — | ·02 | — | ·04 | 16 |
| 17 | — | — | — | — | — | — | ·06 | ·01 | ·05 | ·30 | — | — | 17 |
| 18 | — | — | — | — | ·03 | — | ·01 | — | ·01 | ·04 | ·03 | — | 18 |
| 19 | — | — | — | ·17 | ·05 | — | — | — | — | ·24 | — | — | 19 |
| 20 | — | ·01 | — | ·22 | ·49 | — | — | ·20 | — | ·17 | ·08 | 02 | 20 |
| 21 | ·04 | — | ·26 | ·04 | ·34 | — | ·06 | ·29 | — | ·47 | ·10 | ·02 | 21 |
| 22 | ·01 | — | ·14 | ·13 | ·28 | — | ·03 | — | ·01 | ·12 | ·73 | ·02 | 22 |
| 23 | — | — | — | ·14 | ·38 | — | ·05 | — | — | ·06 | ·30 | ·02 | 23 |
| 24 | ·06 | — | — | — | ·01 | ·01 | ·27 | — | ·20 | — | ·33 | ·02 | 24 |
| 25 | — | ·01 | — | ·05 | ·07 | — | ·01 | — | ·13 | 1·41 | ·15 | ·01 | 25 |
| 26 | — | — | — | ·12 | ·34 | ·02 | ·09 | — | ·15 | ·35 | ·21 | — | 26 |
| 27 | — | — | ·27 | ·17 | ·36 | ·16 | ·17 | — | — | ·06 | ·10 | 02 | 27 |
| 28 | — | — | ·19 | ·27 | ·11 | — | ·24 | — | — | — | ·01 | ·01 | 28 |
| 29 | ·07 | — | ·29 | ·44 | ·02 | ·05 | ·05 | ·42 | ·10 | 96 | ·17 | ·20 | 29 |
| 30 | — | × | ·21 | — | — | ·26 | — | ·08 | ·04 | ·27 | ·19 | ·06 | 30 |
| 31 | ·01 | × | ·06 | × | ·01 | × | ·27 | ·01 | × | — | × | ·06 | 31 |
| TOTAL | 3·39 | ·09 | 1·88 | 2·74 | 4·18 | ·51 | 3·23 | 1·30 | 3·55 | 7·62 | 2·79 | 1·28 | YEAR'S TOTAL 32·56 |
| *Days with ·01 in. or more. | 17 | 5 | 10 | 20 | 22 | 6 | 23 | 13 | 21 | 24 | 18 | 21 | 200 |
| *Days with .04 in. or more. | 11 | 1 | 10 | 17 | 16 | 3 | 18 | 6 | 16 | 22 | 15 | 9 | 144 |

40-9999

*See Instruction 2 (*f*) on other side,

(*Signed*) E. Parker

Surveyor to the Stretford U.D.C.

P.T.O.

**Section** **A**

COPY FOR OFFICIAL USE.
for the entry of Daily Observations.

Station No. 2827

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1933.

*Kept at* Longford Yard, Stretford.
*in the County of* Lancaster
Diameter of Funnel of Gauge 8 in.
Height of top of Gauge above Ground 1 ft 1 in.
,, Ground ,, Sea Level 87 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·02 | ·37 | – | – | ·01 | ·01 | – | ·01 | – | – | ·16 | – | | 1 |
| 2 | ·31 | – | ·09 | ·27 | ·01 | ·09 | – | ·15 | – | – | – | – | | 2 |
| 3 | ·01 | ·48 | ·16 | – | ·44 | – | – | – | – | – | ·02 | – | | 3 |
| 4 | ·24 | ·03 | ·15 | – | ·11 | – | – | ·11 | – | – | – | – | | 4 |
| 5 | ·18 | ·13 | ·03 | – | ·03 | – | – | – | – | – | ·03 | – | | 5 |
| 6 | – | ·16 | ·11 | – | ·11 | – | – | – | – | – | – | ·03 | | 6 |
| 7 | ·07 | ·31 | ·02 | – | ·07 | – | ·33 | ·01 | – | ·90 | – | – | | 7 |
| 8 | ·20 | ·05 | ·20 | ·09 | ·04 | ·40 | ·27 | – | – | – | – | ·02 | | 8 |
| 9 | – | ·23 | – | ·04 | ·05 | – | ·44 | ·01 | – | ·42 | ·11 | – | | 9 |
| 10 | ·08 | ·16 | – | – | – | ·05 | – | – | – | 1·01 | ·01 | – | | 10 |
| 11 | – | – | – | ·02 | – | – | ·30 | ·01 | – | ·15 | – | ·06 | | 11 |
| 12 | ·01 | – | – | – | – | ·08 | ·28 | – | – | ·29 | – | – | | 12 |
| 13 | ·01 | – | – | – | ·18 | – | ·35 | ·03 | – | ·11 | ·20 | – | | 13 |
| 14 | ·12 | – | ·02 | – | – | – | ·04 | ·09 | – | ·45 } | ·19 | – | | 14 |
| 15 | ·41 | – | ·02 | – | – | – | ·06 | ·07 | – | } | ·18 | – | | 15 |
| 16 | ·14 | ·01 | ·10 | ·01 | ·02 | ·10 | – | ·02 | – | ·15 | – | – | | 16 |
| 17 | ·03 | – | 1·08 | – | – | ·65 | – | ·06 | ·04 | – | – | ·03 | | 17 |
| 18 | ·03 | – | ·19 | – | – | 1·29 | – | – | – | – | – | – | | 18 |
| 19 | – | – | ·40 | – | – | ·11 | – | – | ·41 | – | ·05 | ·02 | | 19 |
| 20 | – | ·19 | ·06 | – | – | – | – | ·30 | – | – | – | – | | 20 |
| 21 | – | ·01 | – | – | – | – | – | ·49 | – | – | ·01 | – | | 21 |
| 22 | – | – | – | – | – | ·34 | – | ·12 | – | ·07 | – | – | | 22 |
| 23 | – | – | – | ·11 | ·06 | ·06 | – | ·01 | ·21 | ·05 | – | – | | 23 |
| 24 | – | ·10 | – | ·11 | ·15 | ·04 | – | – | ·36 | – | – | – | | 24 |
| 25 | – | ·29 | – | ·12 | ·04 | – | – | – | ·08 | – | – | ·06 | | 25 |
| 26 | – | ·28 | – | ·31 | – | – | – | – | – | ·32 | – | ·01 | | 26 |
| 27 | – | ·01 | – | – | ·10 | – | – | – | ·02 | ·02 | – | – | | 27 |
| 28 | – | – | – | ·04 | – | – | ·07 | – | – | ·12 | – | – | | 28 |
| 29 | – | × | – | ·04 | – | – | ·18 | – | – | – | – | ·05 | | 29 |
| 30 | ·06 | × | ·08 | ·09 | – | – | ·07 | – | – | ·20 | – | ·18 | | 30 |
| 31 | ·15 | × | ·01 | × | – | × | ·03 | ·05 | × | ·35 | × | ·02 | | 31 |
| TOTAL | 2·07 | 2·81 | 2·72 | 1·25 | 1·42 | 3·22 | 2·42 | 1·54 | 1·12 | 4·61 | ·96 | ·48 | Year's Total<br>24·62 ✓ | |
| *Days with ·01 in. or more. | 17 | 16 | 16 | 12 | 15 | 12 | 12 | 16 | 6 | 15 | 10 | 10 | 157 | |
| *Days with .04 in. or more. | 11 | 12 | 11 | 10 | 11 | 11 | 11 | 9 | 5 | 14 | 6 | 4 | 115 | |

40-9999
*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) E. Sankey
Boro' Surveyor, Town Hall, Stretford

[P.T.O.

## COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2827

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1934.

*Kept at* Longford Yard, Stretford

*in the County of* Lancaster

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 1 in.

,, Ground ,, Sea Level 87 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | – | – | – | – | – | – | – | ·06 | ·15 | ·02 | ·14 | ·54 | | 1 |
| 2 | ·08 | ·01 | ·12 | – | – | – | – | ·51 | ·03 | ·01 | ·23 | ·36 | | 2 |
| 3 | ·03 | ·01 | ·19 | – | – | – | – | ·12 | ·03 | ·03 | ·01 | ·02 | | 3 |
| 4 | ·26 | – | | ·02 | ·07 | – | – | – | ·04 | ·99 | – | ·95 | | 4 |
| 5 | – | – | ·10 | – | ·05 | – | – | – | – | ·18 | – | ·06 | | 5 |
| 6 | – | – | ·07 | – | ·46 | ·07 | – | ·51 | – | ·20 | – | ·29 | | 6 |
| 7 | ·31 | ·02 | ·11 | – | – | ·12 | – | – | – | ·10 | ·12 | ·25 | | 7 |
| 8 | – | – | – | TR | ·04 | ·38 | – | ·01 | – | ·09 | ·60 | ·02 | | 8 |
| 9 | – | ·01 | ·19 | ·03 | – | – | – | ·09 | ·01 | ·01 | ·40 | ·06 | | 9 |
| 10 | – | – | ·33 | ·04 | – | – | – | ·08 | – | ·22 | – | – | | 10 |
| 11 | ·06 | – | ·01 | ·21 | – | – | – | ·19 | – | – | ·05 | ·10 | | 11 |
| 12 | – | – | – | ·06 | – | – | ·18 | ·10 | – | ·02 | ·02 | ·02 | | 12 |
| 13 | 23 | – | – | ·06 | ·02 | – | ·07 | – | – | ·06 | – | ·01 | | 13 |
| 14 | ·21 | – | ·08 | – | ·06 | ·01 | – | – | – | ·37 | TR. | ·04 | | 14 |
| 15 | ·14 | ·01 | ·42 | – | ·55 | – | ·01 | ·11 | ·09 | ·03 | – | ·19 | | 15 |
| 16 | ·34 | – | ·11 | – | ·09 | – | – | – | – | ·11 | – | ·19 | | 16 |
| 17 | ·18 | – | ·27 | TR. | ·11 | – | ·17 | ·01 | ·82 | ·04 | – | ·11 | | 17 |
| 18 | ·07 | – | ·08 | ·24 | ·30 | ·15 | – | ·03 | – | – | – | ·10 | | 18 |
| 19 | – | – | ·13 | – | ·04 | ·32 | – | – | ·35 | ·12 | – | ·01 | | 19 |
| 20 | – | – | ·03 | ·06 | ·13 | ·02 | – | – | ·15 | ·04 | – | ·01 | | 20 |
| 21 | ·04 | – | ·03 | ·02 | ·01 | ·36 | – | ·02 | ·10 | ·11 | – | – | | 21 |
| 22 | ·02 | – | ·04 | – | – | – | – | ·15 | ·42 | ·13 | ·01 | – | | 22 |
| 23 | – | – | ·12 | ·52 | ·01 | ·03 | ·36 | ·03 | ·01 | ·14 | ·03 | ·09 | | 23 |
| 24 | – | ·20 | ·02 | ·18 | – | ·02 | ·01 | – | ·10 | ·01 | – | – | | 24 |
| 25 | ·01 | ·12 | – | ·10 | ·02 | – | ·17 | – | ·13 | ·17 | – | ·34 | | 25 |
| 26 | ·06 | – | – | ·15 | – | ·05 | ·19 | – | ·20 | ·11 | – | ·09 | | 26 |
| 27 | – | – | – | ·04 | ·01 | ·18 | ·29 | – | ·02 | ·12 | ·02 | ·29 | | 27 |
| 28 | – | – | – | – | – | ·27 | ·02 | ·35 | ·07 | ·18 | ·01 | ·49 | | 28 |
| 29 | ·01 | × | – | – | – | – | ·05 | ·39 | ·40 | ·83 | – | ·11 | | 29 |
| 30 | ·09 | × | – | – | – | – | ·04 | ·20 | ·11 | ·29 | – | ·01 | | 30 |
| 31 | TR | × | – | × | – | × | ·22 | ·35 | × | ·08 | × | ·11 | | 31 |
| TOTAL | 2·14 | ·38 | 2·45 | 1·73 | 1·97 | 1·98 | 1·78 | 3·31 | 2·93 | 4·81 | 1·64 | 4·86 | Year's Total. 29·98 | |
| * Days with .01 in. or more. | 17 | 7 | 19 | 14 | 16 | 13 | 13 | 19 | 19 | 29 | 12 | 27 | 205 | |
| * Days with .04 in. or more. | 13 | 2 | 15 | 11 | 11 | 9 | 10 | 14 | 14 | 22 | 6 | 20 | 147 | |

40-9999

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(Signed) E. Parker

Borough Surveyor, Town Hall, Stretford

P.T.O.

COPY FOR OFFICIAL USE. /

Section **A** for the entry of Daily Observations. Station No. 2827

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1935.

*Kept at* Longford Road Depot, Stretford

*in the County of* Lancaster

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 1 in.

,, Ground ,, Sea Level 87 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |  | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † |  |
| 1 | ·58 | ·34 | ·01 | ·04 | - | ·05 | ·02 | - | ·09 | ·34 | ·03 | ·58 |  | 1 |
| 2 | ·01 | - | ·04 | - | - | ·24 | - | - | ·02 | ·08 | ·02 | ·12 |  | 2 |
| 3 | ·10 | ·54 | ·07 | ·03 | - | ·03 | ·21 | - | ·11 | ·03 | ·07 | ·20 |  | 3 |
| 4 | - | ·01 | ·02 | - | - | ·08 | - | - | ·28 | ·22 | ·01 | ·02 |  | 4 |
| 5 | - | ·29 | ·06 | ·17 | - | ·01 | - | - | ·40 | ·01 | ·29 | ·28 |  | 5 |
| 6 | - | - | - | ·04 | - | ·20 | - | - | - | - | ·01 | - |  | 6 |
| 7 | - | - | - | ·05 | - | ·27 | - | - | - | ·16 | ·34 | ·25 |  | 7 |
| 8 | - | - | - | ·07 | - | ·23 | - | - | - | ·05 | ·10 | ·44 |  | 8 |
| 9 | - | - | - | ·19 | - | ·07 | - | - | - | 1·28 | ·08 | - |  | 9 |
| 10 | ·01 | ·05 | - | ·11 | - | - | - | - | - | ·07 | ·21 | - |  | 10 |
| 11 | ·38 | ·07 | - | - | - | ·10 | - | ·01 | - | ·15 | ·07 | - |  | 11 |
| 12 | ·01 | ·04 | - | - | - | ·46 | - | - | ·08 | - | ·01 | - |  | 12 |
| 13 | ·19 | ·05 | - | ·05 | ·21 | ·08 | - | - | ·09 | ·02 | - | - |  | 13 |
| 14 | - | - | - | ·04 | - | ·04 | - | - | - | - | 1·20 | ·24 |  | 14 |
| 15 | - | ·44 | - | ·37 | ·05 | - | ·07 | - | ·18 | ·02 | ·01 | ·45 |  | 15 |
| 16 | ·01 | ·21 | ·12 | ·19 | ·04 | ·21 | ·08 | ·01 | ·50 | - | ·30 | - |  | 16 |
| 17 | - | ·01 | - | ·31 | ·29 | ·30 | ·28 | ·09 | ·28 | ·03 | ·50 | - |  | 17 |
| 18 | - | - | - | } | ·17 | ·03 | ·02 | ·02 | ·41 | ·18 | ·01 | - |  | 18 |
| 19 | - | ·01 | - | ·50 | ·13 | ·30 | ·14 | - | - | ·08 | ·19 | - |  | 19 |
| 20 | ·01 | ·34 | - | ·45 | - | ·17 | ·10 | - | - | ·02 | TR. | - |  | 20 |
| 21 | - | ·31 | ·02 | - | - | - | - | - | ·29 | ·12 | TR. | ·39 |  | 21 |
| 22 | - | ·13 | ·02 | - | - | - | - | - | ·04 | - | - | - |  | 22 |
| 23 | ·04 | - | ·51 | ·02 | - | - | - | ·24 | ·07 | ·45 | - | - |  | 23 |
| 24 | ·34 | ·22 | ·05 | - | - | - | - | ·03 | 1·11 | ·06 | - | ·18 |  | 24 |
| 25 | ·29 | - | ·07 | - | - | ·08 | - | - | ·01 | - | ·12 | - |  | 25 |
| 26 | - | - | - | - | - | - | - | ·88 | ·46 | ·10 | ·20 | ·29 |  | 26 |
| 27 | - | ·01 | - | - | - | ·06 | ·06 | - | ·45 | ·43 | ·38 | ·05 |  | 27 |
| 28 | ·03 | ·05 | - | - | ·02 | - | - | - | ·11 | ·28 | ·05 | - |  | 28 |
| 29 | ·01 | X | ·02 | - | - | - | - | ·06 | ·34 | ·25 | ·09 | ·08 |  | 29 |
| 30 | ·06 | ✕ | - | - | - | ·15 | - | ·10 | ·11 | ·39 | ·43 | ·05 |  | 30 |
| 31 | ·06 | ✕ | - | ✕ | - | ✕ | - | - | ✕ | ·25 | ✕ | ·24 |  | 31 |
| TOTAL | 2·13 | 3·12 | 1·01 | 2·63 | ·91 | 3·16 | ·98 | 1·44 | 5·43 | 5·07 | 4·72 | 3·86 | Year's Total<br>34·46 |  |
| * Days with .01 in. or more. | 16 | 18 | 12 | 16 | 7 | 21 | 9 | 9 | 21 | 25 | 24 | 16 | 194 |  |
| * Days with .04 in. or more. | 9 | 14 | 7 | 14 | 6 | 18 | 7 | 5 | 19 | 19 | 17 | 15 | 150 |  |

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) E. Parker [P.T.O.

BOROUGH SURVEYOR, STRETFORD

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2827

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

Form 1090.

# REGISTER OF RAINFALL IN 1936.

*Kept at* Longford Rd. Depot. Stretford.

*in the County of* Lancaster

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 1 in.

„ Ground „ Sea Level 87 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·01 | ·09 | ·02 | ·15 | - | - | - | ·44 | ·06 | - | ·18 | ·21 | | 1 |
| 2 | ·05 | ·05 | ·01 | ·09 | - | ·41 | ·02 | ·03 | - | - | ·06 | ·14 | | 2 |
| 3 | ·17 | - | - | - | - | ·12 | - | ·17 | ·75 | - | - | ·02 | | 3 |
| 4 | ·16 | - | ·21 | - | - | - | - | ·02 | ·84 | - | ·25 | ·18 | | 4 |
| 5 | ·03 | ·35 | ·26 | - | - | - | ·01 | ·41 | - | - | - | ·35 | | 5 |
| 6 | ·01 | - | ·03 | - | - | ·02 | ·10 | ·38 | ·46 | - | ·02 | - | | 6 |
| 7 | TR. | - | - | - | - | - | ·03 | - | ·59 | - | ·06 | ·32 | | 7 |
| 8 | ·16 | - | ·14 | - | - | - | - | - | - | - | ·37 | ·08 | | 8 |
| 9 | ·23 | - | ·02 | - | - | - | ·04 | - | ·07 | - | ·25 | ·01 | | 9 |
| 10 | ·02 | - | - | - | - | - | ·19 | - | - | - | ·25 | ·01 | | 10 |
| 11 | - | - | - | - | - | ·17 | ·30 | ·05 | ·04 | - | ·30 | ·01 | | 11 |
| 12 | - | - | - | - | TR | ·65 | ·29 | - | ·25 | ·08 | ·02 | - | | 12 |
| 13 | - | - | - | ·03 | - | ·03 | ·07 | - | - | ·18 | - | ·37 | | 13 |
| 14 | - | - | - | ·03 | - | ·33 | ·04 | ·13 | ·41 | ·05 | ·25 | ·45 | | 14 |
| 15 | ·30 | - | - | ·12 | ·15 | ·07 | ·02 | ·03 | ·05 | - | ·40 | ·06 | | 15 |
| 16 | - | ·05 | ·02 | ·10 | ·06 | - | ·04 | - | - | ·01 | ·61 | ·02 | | 16 |
| 17 | ·20 | ·24 | - | ·01 | - | - | ·06 | ·08 | - | ·34 | ·02 | ·04 | | 17 |
| 18 | - | ·02 | - | ·03 | - | ·14 | ·31 | ·13 | - | ·47 | - | - | | 18 |
| 19 | - | ·13 | TR. | ·28 | - | ·12 | ·07 | ·41 | - | ·04 | - | - | | 19 |
| 20 | ·46 | ·05 | ·01 | - | - | - | ·02 | ·01 | - | ·02 | - | - | | 20 |
| 21 | - | - | ·04 | ·02 | - | ·06 | - | - | - | ·07 | - | ·01 | | 21 |
| 22 | ·26 | ·25 | - | - | - | ·30 | ·24 | - | - | - | - | ·07 | | 22 |
| 23 | - | TR | ·09 | ·10 | - | - | ·31 | - | - | ·06 | - | ·01 | | 23 |
| 24 | ·07 | TR. | - | ·03 | ·06 | - | ·01 | - | ·31 | ·36 | - | - | | 24 |
| 25 | ·34 | - | - | ·05 | - | - | - | - | ·39 | ·14 | - | - | | 25 |
| 26 | ·01 | ·20 | ·01 | ·02 | - | - | - | - | ·10 | ·44 | - | ·02 | | 26 |
| 27 | ·85 | - | - | - | - | - | - | - | ·03 | ·39 | ·02 | - | | 27 |
| 28 | ·17 | ·18 | - | - | - | - | ·16 | - | - | ·09 | - | ·14 | | 28 |
| 29 | ·06 | ·12 | ·14 | - | - | ·58 | ·01 | - | - | - | ·16 | ·19 | | 29 |
| 30 | ·16 | ✕ | ·36 | - | ·43 | ·04 | ·33 | - | - | ·38 | ·13 | ·04 | | 30 |
| 31 | ·12 | ✕ | ·03 | ✕ | - | ✕ | ·02 | ·02 | ✕ | - | ✕ | ·20 | | 31 |
| Total | 3·84 | 1·73 | 1·39 | 1·06 | ·70 | 3·04 | 2·69 | 2·31 | 4·35 | 3·12 | 3·35 | 2·95 | Year's Total<br>30·53 | ✓ ✓ |
| * Days with .01 in. or more. | 21 | 12 | 15 | 14 | 4 | 14 | 23 | 14 | 14 | 16 | 17 | 23 | 187 | ✓ |
| * Days with .04 in. or more. | 16 | 11 | 7 | 7 | 4 | 12 | 15 | 9 | 13 | 14 | 13 | 14 | 135 | ✓ |

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) [P.T.O.

BOROUGH SURVEYOR. STRETFORD.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations — Station No. 2827

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1937.

*Kept at* LONGFORD ROAD DEPOT, STRETFORD.

*in the County of* LANCASTER.

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 1 in.

,, Ground ,, Sea Level 87 ft.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | .03 | .24 | .04 | - | - | .02 | - | - | .18 | .01 | - | .30 | | 1 |
| 2 | .03 | .15 | .05 | .12 | - | - | .02 | - | .01 | - | - | - | | 2 |
| 3 | - | .06 | .05 | .03 | .21 | .35 | .10 | - | - | - | - | - | | 3 |
| 4 | .25 | .04 | .02 | .06 | .11 | - | - | .02 | .01 | - | - | .59 | | 4 |
| 5 | .88 | - | .03 | .01 | - | .03 | .02 | - | - | - | - | .17 | | 5 |
| 6 | .15 | - | - | .06 | .21 | - | - | 1.41 | .01 | - | - | .06 | | 6 |
| 7 | - | .25 | - | .27 | .04 | .04 | .27 | - | .05 | - | - | .03 | | 7 |
| 8 | - | .43 | - | .03 | - | .05 | - | - | - | - | .09 | .03 | | 8 |
| 9 | .01 | .18 | .01 | - | .27 | - | .37 | .06 | - | - | - | - | | 9 |
| 10 | .01 | .09 | .01 | - | - | .07 | .09 | .11 | - | - | - | .18 | | 10 |
| 11 | - | .03 | .10 | - | .33 | - | .03 | - | - | - | - | .06 | | 11 |
| 12 | .03 | .41 | .01 | - | .03 | .09 | .04 | - | .26 | - | - | .17 | | 12 |
| 13 | - | .25 | 001 | - | - | .13 | - | .38 | - | - | - | .20 | | 13 |
| 14 | - | .04 | .06 | - | - | - | - | .35 | .03 | - | .04 | .10 | | 14 |
| 15 | .20 | .18 | - | .30 | - | - | .75 | - | .05 | - | - | .04 | | 15 |
| 16 | .05 | .34 | .09 | .28 | - | - | - | .10 | .07 | - | - | - | | 16 |
| 17 | .04 | .06 | .25 | .13 | .02 | .01 | - | .01 | .04 | - | - | - | | 17 |
| 18 | .62 | .12 | .15 | .22 | - | - | - | .14 | - | - | .49 | - | | 18 |
| 19 | .14 | .10 | .12 | .17 | - | .02 | .12 | .01 | .05 | - | .29 | - | | 19 |
| 20 | .03 | .14 | - | .32 | .24 | .07 | .05 | - | - | - | - | .09 | | 20 |
| 21 | .01 | .17 | .03 | .18 | - | - | .21 | - | - | .11 | - | .03 | | 21 |
| 22 | .01 | .07 | .10 | - | .01 | - | .02 | - | - | .34 | .17 | .10 | | 22 |
| 23 | .11 | - | .01 | - | .46 | - | .07 | - | - | .26 | .11 | - | | 23 |
| 24 | .14 | .09 | .17 | - | .05 | - | .03 | - | .21 | .22 | .01 | .05 | | 24 |
| 25 | - | .38 | - | - | - | - | - | .03 | - | .02 | - | .04 | | 25 |
| 26 | - | .26 | .15 | - | .45 | - | - | - | .02 | - | - | .02 | | 26 |
| 27 | - | .59 | - | .22 | - | - | - | - | - | .32 | - | .03 | | 27 |
| 28 | - | .15 | - | - | - | - | - | - | - | .19 | - | - | | 28 |
| 29 | - | | - | - | .04 | .06 | - | - | - | .01 | .16 | - | | 29 |
| 30 | .04 | X | - | - | - | .31 | - | .12 | - | - | .59 | - | | 30 |
| 31 | .29 | X | - | X | - | X | - | - | X | .18 | X | - | | 31 |
| TOTAL | 3.07 | 4.82 | 1.46 | 2.40 | 2.47 | 1.25 | 2.19 | 2.74 | .99 | 1.66 | 1.95 | 2.29 | Year's Total<br>27.29 | |
| * Days with .01 in. or more. | 20 | 25 | 20 | 15 | 14 | 13 | 15 | 12 | 13 | 9 | 9 | 19 | 184 | |
| * Days with .04 in. or more. | 12 | 24 | 12 | 12 | 10 | 9 | 10 | 8 | 8 | 7 | 8 | 14 | 134 | |

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) P. Parker [P.T.O.

BOROUGH SURVEYOR, STRETFORD.

### COPY FOR OFFICIAL USE

**Section** **A** for the entry of Daily Observations  Station No. 2827

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1938

*Kept at* Longford Rd. Depot, Stretford

*in the County of* Lancaster

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 1 in.

,, Ground ,, Sea Level 87 ft.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following: ·17

**Please read the Notes and Instructions Overleaf**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | - | ·03 | - | ·01 | - | ·59 | - | ·14 | - | - | ·05 | ·30 | | 1 |
| 2 | ·02 | - | - | ·30 | - | ·23 | ·02 | - | - | ·59 | ·07 | ·27 | | 2 |
| 3 | ·01 | - | - | - | - | ·02 | ·26 | - | ·12 | ·81 | ·20 | ·01 | | 3 |
| 4 | ·05 | - | - | ·03 | - | ·02 | ·19 | ·07 | - | ·10 | ·04 | ·50 | | 4 |
| 5 | ·07 | - | - | ·01 | - | ·03 | ·02 | ·01 | ·16 | ·34 | - | ·06 | | 5 |
| 6 | ·10 | ·01 | - | - | - | ·06 | ·31 | - | ·43 | ·18 | - | ·01 | | 6 |
| 7 | ·29 | ·01 | - | - | - | - | ·43 | ·08 | ·21 | ·10 | - | - | | 7 |
| 8 | ·51 | - | - | - | - | - | ·33 | ·02 | ·01 | ·61 | - | ·25 | | 8 |
| 9 | ·03 | ·41 | ·21 | - | - | ·33 | ·14 | ·05 | - | - | - | ·21 | | 9 |
| 10 | ·02 | ·02 | ·02 | - | - | - | ·75 | - | - | ·28 | - | ·05 | | 10 |
| 11 | ·24 | ·04 | - | - | ·04 | - | ·32 | ·02 | ·03 | - | ·11 | ·03 | | 11 |
| 12 | ·06 | - | - | - | ·11 | ·01 | ·03 | ·75 | - | 1·09 | ·33 | - | | 12 |
| 13 | ·03 | ·01 | - | - | - | - | ·06 | - | ·05 | ·12 | ·10 | ·32 | | 13 |
| 14 | ·27 | - | - | - | ·07 | - | ·16 | - | ·09 | - | - | ·01 | | 14 |
| 15 | ·24 | - | - | - | ·01 | - | ·27 | ·23 | - | ·12 | - | ·12 | | 15 |
| 16 | ·28 | - | ·03 | - | ·24 | - | ·23 | ·07 | ·02 | - | ·09 | ·10 | | 16 |
| 17 | - | - | - | - | ·30 | - | ·06 | ·08 | ·07 | ·23 | ·01 | ·01 | | 17 |
| 18 | ·05 | - | - | - | ·15 | ·11 | - | ·09 | ·29 | ·34 | ·23 | - | | 18 |
| 19 | - | - | - | - | - | ·04 | - | ·14 | - | - | - | ·02 | | 19 |
| 20 | ·20 | - | - | - | - | - | - | ·15 | ·02 | - | ·41 | - | | 20 |
| 21 | - | - | ·02 | - | - | ·02 | - | ·12 | - | - | ·08 | - | | 21 |
| 22 | - | - | - | ·02 | ·11 | ·28 | - | - | ·01 | - | ·22 | ·02 | | 22 |
| 23 | ·01 | ·06 | - | - | ·03 | ·19 | - | - | ·08 | - | ·29 | - | | 23 |
| 24 | ·20 | - | ·20 | - | - | ·07 | ·04 | ·42 | ·01 | ·01 | ·18 | - | | 24 |
| 25 | ·03 | ·28 | ·07 | - | - | ·02 | ·08 | ·02 | - | ·56 | ·69 | ·03 | | 25 |
| 26 | ·14 | ·21 | - | - | ·03 | ·17 | ·02 | ·08 | ·09 | ·29 | ·38 | ·17 | | 26 |
| 27 | ·41 | ·06 | ·27 | - | ·44 | ·21 | ·09 | ·27 | ·01 | - | ·29 | - | | 27 |
| 28 | ·13 | ·02 | ·04 | - | ·02 | ·52 | ·16 | ·16 | ·06 | ·07 | - | ·19 | | 28 |
| 29 | ·32 | × | ·18 | - | 1·40 | ·34 | ·17 | - | - | ·07 | ·08 | ·41 | | 29 |
| 30 | ·18 | × | - | - | ·18 | ·01 | - | - | ·33 | - | ·13 | ·04 | | 30 |
| 31 | ·21 | × | ·03 | × | ·30 | × | - | - | × | ·50 | × | ·69 | | 31 |
| | | | | | | | | | | | | | Year's Total | |
| TOTAL | 4·10 | 1·16 | 1·07 | ·37 | 3·43 | 3·27 | 4·14 | 2·97 | 2·09 | 6·41 | 3·98 | 3·82 | 36·81 | |
| * Days with .01 in. or more. | 26 | 12 | 10 | 5 | 15 | 20 | 22 | 20 | 19 | 19 | 20 | 23 | 211 | |
| * Days with .04 in. or more. | 19 | 6 | 6 | 1 | 11 | 13 | 18 | 16 | 12 | 18 | 19 | 15 | 154 | |

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(Sig E. Parker

P.T.O.

COPY FOR OFFICIAL USE

**Section** **A** for the entry of Daily Observations

Station No. 2827

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1939

*Kept at* Longford Road Depot Stretford

*in the County of* Lancaster

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 1 in.

,, Ground ,, Sea Level 87 ft.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·17 | - | - | - | - | - | ·03 | ·02 | - | - | - | ·11 | | 1 |
| 2 | ·07 | - | - | ·19 | - | - | ·25 | ·28 | ·60 | - | ·07 | ·03 | | 2 |
| 3 | ·15 | - | - | ·34 | - | | - | ·07 | - | - | ·02 | ·47 | | 3 |
| 4 | ·24 | - | ·20 | - | ·03 | - | ·34 | - | - | - | ·13 | 1·09 | | 4 |
| 5 | - | - | - | - | ·29 | - | ·29 | - | - | ·09 | ·16 | ·01 | | 5 |
| 6 | ·84 | ·05 | - | - | ·15 | - | ·32 | ·02 | - | - | ·10 | - | | 6 |
| 7 | ·07 | ·26 | ·02 | - | ·04 | - | ·11 | - | - | - | ·08 | ·60 | | 7 |
| 8 | ·31 | - | ·25 | - | - | - | ·87 | ·05 | - | ·11 | ·21 | ·21 | | 8 |
| 9 | ·06 | ·33 | - | ·01 | - | - | - | ·21 | - | ·31 | ·05 | ·52 | | 9 |
| 10 | ·07 | ·01 | ·03 | - | - | ·06 | - | ·35 | ·30 | ·11 | ·01 | ·03 | | 10 |
| 11 | ·34 | - | ·14 | - | - | ·24 | - | - | - | ·06 | ·03 | - | | 11 |
| 12 | ·34 | ·17 | - | - | - | ·02 | - | - | - | - | - | - | | 12 |
| 13 | ·02 | - | ·01 | ·33 | - | ·19 | ·04 | - | - | ·02 | ·01 | - | | 13 |
| 14 | ·39 | - | - | ·01 | ·40 | ·30 | ·06 | - | - | - | ·12 | - | | 14 |
| 15 | ·08 | ·01 | - | ·41 | - | ·61 | ·11 | - | - | - | ·10 | - | | 15 |
| 16 | ·04 | - | - | - | ·32 | - | ·05 | - | - | ·04 | ·11 | - | | 16 |
| 17 | ·58 | ·19 | ·01 | - | ·02 | ·01 | ·05 | - | - | ·33 | ·06 | - | | 17 |
| 18 | ·17 | ·14 | ·03 | ·01 | - | ·42 | ·09 | - | - | - | 1·03 | - | | 18 |
| 19 | ·23 | - | - | - | - | ·01 | ·13 | - | ·04 | - | - | - | | 19 |
| 20 | ·04 | - | ·06 | - | ·12 | ·22 | ·19 | 22 | - | - | - | - | | 20 |
| 21 | ·08 | ·09 | ·43 | ·12 | ·04 | - | ·57 | ·10 | ·05 | - | - | - | | 21 |
| 22 | ·04 | ·17 | ·19 | ·14 | - | ·02 | - | - | - | ·01 | ·64 | - | | 22 |
| 23 | - | ·57 | ·04 | ·28 | - | ·01 | ·19 | - | - | ·27 | ·22 | - | | 23 |
| 24 | - | ·08 | - | - | - | - | ·05 | - | - | - | ·02 | - | | 24 |
| 25 | ·16 | ·20 | - | - | - | - | ·01 | - | - | - | ·80 | - | | 25 |
| 26 | - | - | - | - | - | - | - | ·04 | - | ·04 | ·29 | - | | 26 |
| 27 | ·03 | 1·47 | ·03 | - | - | ·20 | ·05 | ·04 | - | - | ·17 | - | | 27 |
| 28 | - | ·16 | ·18 | - | - | ·09 | ·48 | - | - | - | ·69 | ·10 | | 28 |
| 29 | - | | ·01 | ·03 | - | ·01 | 1·08 | - | - | ·08 | ·09 | - | | 29 |
| 30 | - | ✕ | - | - | - | ·13 | ·18 | - | - | - | ·10 | - | | 30 |
| 31 | - | ✕ | ·25 | ✕ | - | ✕ | ·14 | - | ✕ | - | ✕ | - | | 31 |
| TOTAL | 4·52 | 3·90 | 1·88 | 1·87 | 1·50 | 2·54 | 5·68 | 1·40 | ·99 | 1·47 | 5·31 | 3·17 | Year's Total 34·23 | |
| * Days with .01 in. or more. | 23 | 15 | 16 | 11 | 9 | 16 | 24 | 11 | 4 | 12 | 25 | 10 | 176 | |
| * Days with .04 in. or more. | 21 | 13 | 9 | 7 | 7 | 10 | 22 | 9 | 4 | 10 | 20 | 7 | 139 | |

* See Instruction 3 (f) on other side.

2 FEB 1940

† Spare column, no entries required

(*Signed*) S. Hankers
Borough Surveyor

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 2827

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 19~~3~~40

827798/28

*Kept at* Longford Rd Depot Stretford

*in the County of* Lancaster

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 1 in.

,, Ground ,, Sea Level 87 ft.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | – | melted Snow ·07 | – | ·11 | – | – | – | – | – | – | ·25 | ·10 | | 1 |
| 2 | – | – | – | ·25 | – | – | ·05 | – | – | – | ·25 | ·18 | | 2 |
| 3 | – | ·04 | – | ·10 | – | – | ·07 | – | ·03 | ·20 | ·05 | ·10 | | 3 |
| 4 | – | ·04 | – | – | – | – | ·02 | – | – | ·11 | ·24 | ·24 | | 4 |
| 5 | – | – | – | – | ·20 | – | ·20 | – | – | – | ·03 | ·27 | | 5 |
| 6 | ·07 | ·27 | – | – | – | – | ·08 | – | ·16 | ·90 | ·11 | ·02 | | 6 |
| 7 | ·01 | ·17 | – | ·21 | ·06 | – | ·07 | ·14 | – | ·01 | – | – | | 7 |
| 8 | – | – | ·01 | ·03 | – | – | – | ·01 | – | ·12 | – | ·26 | | 8 |
| 9 | – | – | ·26 | – | – | – | ·88 | ·24 | ·24 | ·27 | 1·08 | ·14 | | 9 |
| 10 | – | – | – | – | – | ·04 | ·40 | ·22 | ·01 | ·21 | ·31 | ·32 | | 10 |
| 11 | – | – | ·08 | ·06 | – | ·08 | ·02 | – | – | – | 1·12 | – | | 11 |
| 12 | – | – | ·46 | – | – | – | ·09 | ·03 | ·27 | – | ·40 | – | | 12 |
| 13 | – | – | ·28 | – | – | – | – | ·04 | ·20 | – | ·01 | – | | 13 |
| 14 | – | melted Snow ·03 | ·02 | ·18 | ·16 | – | ·20 | ·12 | – | – | ·09 | | | 14 |
| 15 | – | – | ·01 | ·10 | ·05 | ·05 | – | – | ·18 | – | ·06 | ·30 | | 15 |
| 16 | melted Snow ·03 | melted Snow ·13 | ·16 | ·14 | – | – | ·20 | – | 1·16 | ·50 | ·09 | ·10 | | 16 |
| 17 | – | – | ·70 | ·04 | ·06 | – | ·05 | – | ·08 | – | ·67 | ·02 | | 17 |
| 18 | melted Snow ·07 | ·21 | ·19 | ·24 | – | – | – | ·36 | ·25 | – | ·01 | ·17 | | 18 |
| 19 | – | ·22 | ·09 | ·01 | – | – | ·16 | – | ·25 | – | ·21 | – | | 19 |
| 20 | – | – | – | ·16 | – | – | – | ·23 | – | – | ·05 | – | | 20 |
| 21 | – | – | ·08 | – | – | ·46 | ·45 | – | – | – | ·80 | – | | 21 |
| 22 | – | ·03 | – | – | ·19 | ·04 | – | ·04 | ·54 | – | ·01 | – | | 22 |
| 23 | – | ·18 | – | ·10 | ·11 | – | ·02 | – | ·14 | – | ·26 | – | | 23 |
| 24 | melted Snow + Rain ·25 | – | – | – | – | – | – | – | ·03 | – | – | – | | 24 |
| 25 | – | – | – | – | – | ·02 | ·02 | – | – | – | – | – | | 25 |
| 26 | Rain + melted Snow ·76 | ·06 | ·01 | – | ·01 | – | ·10 | – | ·01 | – | ·04 | – | | 26 |
| 27 | Rain + melted Snow ·59 | – | – | – | – | ·03 | ·50 | – | ·01 | – | ·05 | – | | 27 |
| 28 | Rain + melted Snow ·05 | ·26 | – | – | ·03 | – | – | ·04 | – | – | – | – | | 28 |
| 29 | – | – | ·24 | – | – | – | ·04 | – | – | – | – | ·56 | | 29 |
| 30 | – | ✕ | – | – | – | ·21 | – | – | – | ·52 | – | ·16 | | 30 |
| 31 | melted Snow ·07 | ✕ | ·20 | ✕ | ·01 | ✕ | – | ·06 | ✕ | ·80 | ✕ | – | | 31 |
| | | | | | | | | | | | | | Year's Total | |
| TOTAL | 1·90 | 1·71 | 2·79 | 1·73 | ·88 | ·93 | 3·57 | 1·53 | 3·56 | 3·64 | 6·19 | 2·94 | 31·37 | |
| * Days with .01 in. or more. | 9 | 13 | 15 | 14 | 10 | 8 | 20 | 12 | 16 | 10 | 23 | 15 | 165 | |
| * Days with .04 in. or more. | 7 | 11 | 11 | 12 | 7 | 6 | 15 | 10 | 11 | 9 | 12 | 13 | 131 | |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

TOWN HALL, TALBOT RD.
STRETFORD

(Signed) E. Parker
Borough Surveyor

7/2/41

[P.T.O.

2828

Section **A** for the entry of

AIR MINISTRY

FORM 1090.

REGIST

PY FOR OFFICIAL USE.

ORGANIZATION.

*Kept at* Hullard Park.

*in the County of* Lan

Diameter of Funnel of Gauge

Height of top of Gauge above Ground

,, Ground ,, Sea Le

**THE MORNING MEASU**

*An observer who does not conform to t*
*year in the space on the right of this*

wing

Jan. 1, following

2828

OLD TRAFFORD, HULLARD PARK

1931 —— 40

780501

| Date | Jan. | Feb. | March | | | | | | | | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·16 | - | - | ·13 | - | - | - | - | ·07 | ·04 | - | - | 1 |
| 2 | - | ·11 | - | ·75 | ·04 | ·88 | - | - | ·49 | - | ·08 | ·05 | 2 |
| 3 | - | - | - | ·06 | - | ·08 | ·27 | - | ·47 | - | ·93 | ·31 | 3 |
| 4 | - | - | - | ·33 | - | - | ·14 | ·36 | ·49 | ·02 | ·03 | ·36 | 4 |
| 5 | - | ·14 | - | - | ·15 | 1·13 | ·31 | ·75 | ·15 | - | - | ·18 | 5 |
| 6 | - | ·31 | - | ·03 | ·05 | ·35 | ·37 | - | ·17 | ·47 | - | - | 6 |
| 7 | - | ·03 | - | - | - | ·26 | - | ·61 | - | ·09 | ·42 | ·06 | 7 |
| 8 | ·09 | ·10 | ·03 | ·22 | - | ·03 | ·17 | ·31 | - | - | ·21 | ·02 | 8 |
| 9 | ·03 | ·42 | ·01 | ·16 | - | ·20 | ·04 | ·40 | - | - | ·18 | ·09 | 9 |
| 10 | ·06 | ·06 | - | - | ·18 | ·27 | - | ·20 | ·12 | - | ·34 | - | 10 |
| 11 | ·36 | ·25 | - | ·06 | - | - | - | - | ·49 | - | ·22 | - | 11 |
| 12 | ·06 | ·26 | - | - | - | ·02 | ·47 | ·03 | ·07 | ·16 | ·17 | - | 12 |
| 13 | - | - | ·08 | - | ·06 | - | ·11 | ·22 | - | - | - | - | 13 |
| 14 | ·16 | ·15 | - | - | ·03 | ·73 | ·11 | 1·00 | ·03 | - | ·58 | - | 14 |
| 15 | ·25 | ·14 | - | - | ·17 | - | ·38 | ·44 | - | - | - | ·12 | 15 |
| 16 | ·33 | ·16 | - | ·42 | ·40 | ·43 | ·03 | 1·20 | ·29 | - | - | - | 16 |
| 17 | ·09 | ·04 | - | ·06 | ·18 | - | ·14 | ·31 | ·02 | - | ·14 | - | 17 |
| 18 | ·49 | - | - | ·04 | - | ·43 | ·46 | ·13 | - | - | ·73 | - | 18 |
| 19 | ·21 | ·20 | - | ·04 | - | - | ·21 | 1·03 | - | - | - | - | 19 |
| 20 | ·03 | ·22 | ·10 | - | - | ·07 | - | ·57 | - | - | ·03 | ·04 | 20 |
| 21 | ·46 | ·06 | ·04 | - | ·15 | ·05 | - | ·17 | - | - | ·08 | - | 21 |
| 22 | ·08 | ·07 | - | - | ·34 | ·10 | - | - | - | - | ·10 | - | 22 |
| 23 | ·51 | ·17 | ·07 | ·08 | ·30 | ·20 | ·43 | - | - | - | ·27 | ·19 | 23 |
| 24 | ·15 | ·49 | - | ·11 | ·23 | - | ·04 | - | - | - | ·02 | ·07 | 24 |
| 25 | ·17 | ·09 | - | ·38 | ·05 | - | ·04 | - | - | - | ·04 | ·08 | 25 |
| 26 | ·03 | - | - | ·66 | - | - | ·02 | - | - | - | ·50 | - | 26 |
| 27 | ·39 | ·14 | - | ·07 | ·29 | - | ·13 | - | - | ·30 | - | ·04 | 27 |
| 28 | ·35 | ·14 | - | ·07 | ·14 | - | - | - | ·03 | - | - | ·10 | 28 |
| 29 | ·20 | - | - | - | ·09 | - | ·23 | - | - | ·79 | ·05 | - | 29 |
| 30 | ·24 | × | - | ·07 | - | - | - | - | ·07 | - | - | ·04 | 30 |
| 31 | - | × | - | × | - | × | ·34 | - | × | - | × | - | 31 |
| TOTAL | 4·90 | 3·75 | ·33 | 3·74 | 2·85 | 5·23 | 4·44 | 7·73 | 2·96 | 1·87 | 5·12 | 1·75 | YEAR'S TOTAL 44·67 |
| *Days with ·01 in. or more. | 23 | 22 | 6 | 19 | 17 | 16 | 21 | 16 | 14 | 7 | 20 | 15 | 196 |
| *Days with ·04 in. or more. | 20 | 21 | 4 | 18 | 16 | 14 | 19 | 15 | 11 | 6 | 17 | 14 | 175 |

40-9999

*See Instruction 2 (*f*) on other side.

*(Signed)* E. Parker

Surveyor to the Stretford U.D.C.

P.T.O.

2828

**Section** A for the entry of

PY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1931.

*Kept at* Hullard Park, Old Trafford

*in the County of* Lancashire

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 1 in.

" Ground " Sea Level 100 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

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Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·16 | - | - | ·13 | - | - | - | - | ·07 | ·04 | - | - | 1 |
| 2 | - | ·11 | - | ·75 | ·04 | ·88 | - | - | ·49 | - | ·08 | ·05 | 2 |
| 3 | - | - | - | ·06 | - | ·08 | ·27 | - | ·47 | - | ·93 | ·31 | 3 |
| 4 | - | - | - | ·33 | - | - | ·14 | ·36 | ·49 | ·02 | ·03 | ·36 | 4 |
| 5 | - | ·14 | - | - | ·15 | 1·13 | ·31 | ·75 | ·15 | - | - | ·18 | 5 |
| 6 | - | ·31 | - | ·03 | ·05 | ·35 | ·37 | - | ·17 | ·47 | - | - | 6 |
| 7 | - | ·03 | - | - | - | ·26 | - | ·61 | - | ·09 | ·42 | ·06 | 7 |
| 8 | ·09 | ·10 | ·03 | ·22 | - | ·03 | ·17 | ·31 | - | - | ·21 | ·02 | 8 |
| 9 | ·03 | ·42 | ·01 | ·16 | - | ·20 | ·04 | ·40 | - | - | ·18 | ·09 | 9 |
| 10 | ·06 | ·06 | - | - | ·18 | ·27 | - | ·20 | ·12 | - | ·34 | - | 10 |
| 11 | ·36 | ·25 | - | ·06 | - | - | - | - | ·49 | - | ·22 | - | 11 |
| 12 | ·06 | ·26 | - | - | - | ·02 | ·47 | ·03 | ·07 | ·16 | ·17 | - | 12 |
| 13 | - | - | ·08 | - | ·06 | - | ·11 | ·22 | - | - | - | - | 13 |
| 14 | ·16 | ·15 | - | - | ·03 | ·73 | ·11 | 1·00 | ·03 | - | ·58 | - | 14 |
| 15 | ·25 | ·14 | - | - | ·17 | - | ·38 | ·44 | - | - | - | ·12 | 15 |
| 16 | ·33 | ·16 | - | ·42 | ·40 | ·43 | ·03 | 1·20 | ·29 | - | - | - | 16 |
| 17 | ·09 | ·04 | - | ·06 | ·18 | - | ·14 | ·31 | ·02 | - | ·14 | - | 17 |
| 18 | ·49 | - | - | ·04 | - | ·43 | ·46 | ·13 | - | - | ·73 | - | 18 |
| 19 | ·21 | ·20 | - | ·04 | - | - | ·21 | 1·03 | - | - | - | - | 19 |
| 20 | ·03 | ·22 | ·10 | - | - | ·07 | - | ·57 | - | - | ·03 | ·04 | 20 |
| 21 | ·46 | ·06 | ·04 | - | ·15 | ·05 | - | ·17 | - | - | ·08 | - | 21 |
| 22 | ·08 | ·07 | - | - | ·34 | ·10 | - | - | - | - | ·10 | - | 22 |
| 23 | ·51 | ·17 | ·07 | ·08 | ·30 | ·20 | ·43 | - | - | - | ·27 | ·19 | 23 |
| 24 | ·15 | ·49 | - | ·11 | ·23 | - | ·04 | - | - | - | ·02 | ·07 | 24 |
| 25 | ·17 | ·09 | - | ·38 | ·05 | - | ·04 | - | - | - | ·04 | ·08 | 25 |
| 26 | ·03 | - | - | ·66 | - | - | ·02 | - | - | - | ·50 | - | 26 |
| 27 | ·39 | ·14 | - | ·07 | ·29 | - | ·13 | - | - | ·30 | - | ·04 | 27 |
| 28 | ·35 | ·14 | - | ·07 | ·14 | - | - | - | ·03 | - | - | ·10 | 28 |
| 29 | ·20 | - | - | - | ·09 | - | ·23 | - | - | ·79 | ·05 | - | 29 |
| 30 | ·24 | ✕ | - | ·07 | - | - | - | - | ·07 | - | - | ·04 | 30 |
| 31 | - | ✕ | - | ✕ | - | ✕ | ·34 | - | ✕ | - | ✕ | - | 31 |
| TOTAL | 4·90 | 3·75 | ·33 | 3·74 | 2·85 | 5·23 | 4·44 | 7·73 | 2·96 | 1·87 | 5·12 | 1·75 | YEAR'S TOTAL<br>44·67 |
| *Days with ·01 in. or more. | 23 | 22 | 6 | 19 | 17 | 16 | 21 | 16 | 14 | 7 | 20 | 15 | 196 |
| *Days with ·04 in. or more. | 20 | 21 | 4 | 18 | 16 | 14 | 19 | 15 | 11 | 6 | 17 | 14 | 175 |

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) E. Parker

Surveyor to the Stretford U.D.C.

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2828

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1932.

*Kept at* Hallard Park, Old Trafford.

*in the County of* Lancashire

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft 1 in.

,, Ground ,, Sea Level 100 ft.

B.A. circ D1 sent 1/6/33.

Observer agrees.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·23 | ·02 | / | / | ·07 | / | ·07 | / | ·30 | ·24 | ·09 | ·08 | 1 |
| 2 | ·47 | / | / | ·23 | ·20 | / | ·08 | ·02 | ·91 | ·20 | ·05 | ·25 | 2 |
| 3 | / | / | / | ·02 | / | / | ·21 | / | ·09 | / | / | ·18 | 3 |
| 4 | ·03 | / | / | / | / | / | ·11 | / | / | ·03 | ·19 | ·08 | 4 |
| 5 | ·80 | / | | ·20 | / | / | ·01 | / | ·27 | / | / | / | 5 |
| 6 | ·82 | / | ·22 | ·50 | / | / | ·21 | / | ·11 | / | / | / | 6 |
| 7 | ·09 | / | ·39 | ·09 | / | / | / | / | ·46 | ·47 | / | / | 7 |
| 8 | / | / | / | ·09 | / | / | / | / | ·03 | ·65 | / | / | 8 |
| 9 | ·08 | / | / | / | ·12 | / | / | / | ·03 | ·47 | ·02 | ·02 | 9 |
| 10 | ·35 | ·05 | / | ·28 | / | / | / | / | ·46 | / | ·02 | / | 10 |
| 11 | ·03 | / | / | / | ·31 | / | ·23 | / | ·03 | ·38 | / | / | 11 |
| 12 | ·22 | / | / | ·02 | ·22 | / | ·05 | ·03 | ·03 | / | / | / | 12 |
| 13 | / | ·06 | / | / | / | / | ·24 | ·10 | ·22 | ·44 | ·02 | ·15 | 13 |
| 14 | ·04 | / | / | ·12 | ·08 | / | ·66 | ·15 | ·02 | ·15 | / | / | 14 |
| 15 | ·02 | / | / | / | ·79 | / | / | / | / | ·14 | / | ·10 | 15 |
| 16 | ·23 | / | / | / | / | / | / | / | / | ·04 | / | ·05 | 16 |
| 17 | / | / | / | / | / | / | ·09 | ·02 | ·05 | ·30 | / | / | 17 |
| 18 | / | / | / | / | / | / | ·02 | / | / | ·05 | ·04 | / | 18 |
| 19 | / | / | / | ·19 | ·20 | / | / | / | / | ·23 | ·01 | / | 19 |
| 20 | / | / | / | ·27 | ·50 | / | / | ·30 | / | / | ·14 | ·03 | 20 |
| 21 | ·04 | / | ·36 | ·05 | ·38 | / | / | ·34 | / | ·49 | ·09 | ·02 | 21 |
| 22 | ·01 | / | ·09 | ·16 | ·30 | / | ·06 | / | ·01 | / | ·75 | / | 22 |
| 23 | / | / | / | ·12 | / | / | / | / | / | ·04 | ·22 | ·05 | 23 |
| 24 | ·06 | / | / | / | ·18 | / | ·31 | / | ·21 | ·13 | ·33 | ·04 | 24 |
| 25 | / | ·03 | / | ·06 | ·20 | ·04 | ·04 | / | ·21 | 1·33 | ·25 | ·02 | 25 |
| 26 | / | / | / | ·12 | ·37 | ·02 | ·12 | / | ·13 | ·44 | ·25 | / | 26 |
| 27 | / | / | ·42 | ·20 | ·34 | ·07 | ·20 | / | / | ·03 | ·10 | ·04 | 27 |
| 28 | / | / | ·11 | ·28 | ·09 | ·05 | ·25 | / | / | / | ·01 | ·02 | 28 |
| 29 | ·09 | / | ·33 | ·43 | ·02 | ·23 | ·06 | ·32 | ·11 | ·86 | ·12 | ·23 | 29 |
| 30 | / | ✕ | ·21 | / | / | / | / | ·09 | ·04 | ·21 | ·25 | / | 30 |
| 31 | / | ✕ | ·10 | ✕ | ·03 | ✕ | ·41 | / | ✕ | / | ✕ | ·13 | 31 |
| TOTAL | 3·61 | ·16 | 2·23 | 3·43 | 4·40 | ·41 | 3·4~~2~~3 | 1·37 | 3·72 | 7·32 | 2·95 | 1·49 | YEAR'S TOTAL 34·52 |
| *Days with ·01 in. or more. | 17 | 4 | 9 | 19 | 18 | 5 | 20 | 9 | 20 | 22 | 19 | 17 | 179 |
| *Days with .04 in. or more. | 13 | 2 | 9 | 17 | 16 | 4 | 18 | 6 | 14 | 20 | 14 | 12 | 145 |

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*See Instruction 2 (*f*) on other side,

(*Signed*) C. Parker

Surveyor to the Stretford U.D.C.

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2828

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1933.

*Kept at* Hullard Park, Old Trafford.

*in the County of* Lancaster

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft 1 in.

,, Ground ,, Sea Level 100 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·05 | ·47 | – | – | – | – | – | – | ·03 | – | ·24 | – | | 1 |
| 2 | ·37 | – | ·12 | ·27 | – | ·15 | – | ·14 | – | – | – | – | | 2 |
| 3 | – | ·48 | ·18 | – | ·54 | – | – | – | – | – | – | – | | 3 |
| 4 | ·25 | – | – | – | – | – | – | ·04 | – | – | ·03 | – | | 4 |
| 5 | ·20 | ·05 | ·17 | – | – | – | – | – | – | – | ·05 | – | | 5 |
| 6 | – | ·23 | ·12 | – | ·11 | – | – | – | – | – | – | – | | 6 |
| 7 | ·10 | ·35 | ·04 | – | ·08 | – | – | ·04 | – | – | – | – | | 7 |
| 8 | ·23 | ·06 | ·16 | ·14 | ·08 | ·58 | ·51 | ·01 | – | ·80 | – | ·07 | | 8 |
| 9 | – | ·28 | – | – | ·07 | – | ·49 | – | – | ·44 | ·24 | – | | 9 |
| 10 | ·11 | ·16 | – | ·04 | – | ·09 | ·04 | – | – | ·06 | ·09 | – | | 10 |
| 11 | – | – | – | – | – | – | ·35 | – | – | ·23 | – | ·08 | | 11 |
| 12 | – | – | – | – | – | ·10 | ·29 | – | – | ·34 | – | – | | 12 |
| 13 | – | – | – | – | ·19 | – | ·32 | ·12} | – | ·12 | ·15 | – | | 13 |
| 14 | ·20 | – | ·04 | – | ·06 | – | – | | – | ·02 | ·20 | – | | 14 |
| 15 | ·37 | – | ·03 | – | – | – | – | ·07 | – | ·47 | ·19 | – | | 15 |
| 16 | ·15 | – | ·13 | – | ·05 | ·71} | ·18 | ·02 | – | ·16 | – | – | | 16 |
| 17 | – | – | 1·07 | – | – | | – | ·08 | ·05 | – | ·01 | – | | 17 |
| 18 | ·05 | – | ·31 | – | – | 1·25 | – | – | – | – | – | – | | 18 |
| 19 | – | – | – | – | – | ·06 | – | – | ·45 | – | ·06 | – | | 19 |
| 20 | – | ·19 | – | – | – | – | – | ·20 | – | – | – | – | | 20 |
| 21 | – | – | – | – | – | – | – | ·54 | – | – | – | – | | 21 |
| 22 | – | – | – | – | – | ·30 | – | ·12 | – | ·07 | – | – | | 22 |
| 23 | – | – | – | ·11 | ·09 | ·05 | – | – | ·20 | ·09 | – | – | | 23 |
| 24 | – | ·15 | – | ·12 | ·25 | ·07 | – | – | ·25 | – | – | – | | 24 |
| 25 | – | ·37 | – | ·10 | – | – | – | – | ·21 | – | – | ·11 | | 25 |
| 26 | – | ·33 | – | ·21 | – | – | – | – | – | ·30 | – | ·01 | | 26 |
| 27 | – | ·01 | – | – | ·05 | – | – | – | ·02 | ·01 | – | – | | 27 |
| 28 | – | – | – | ·04 | – | – | – | – | – | ·13 | – | – | | 28 |
| 29 | – | × | – | ·06 | – | – | ·24 | – | – | ·01 | – | ·05 | | 29 |
| 30 | – | × | – | ·09 | – | – | ·07 | – | – | ·19 | – | ·18 | | 30 |
| 31 | ·25 | × | ·12 | × | – | × | ·07 | ·06 | × | ·22 | × | – | Year's Total | 31 |
| TOTAL | 2·33 | 3·13 | 2·49 | 1·18 | 1·57 | 3·36 | 2·56 | 1·44 | 1·21 | 3·66 | 1·26 | ·50 | 24·69 | |
| *Days with ·01 in. or more. | 12 | 13 | 12 | 10 | 11 | 10 | 10 | 12 | 7 | 17 | 10 | 6 | 130 | |
| *Days with .04 in. or more. | 12 | 12 | 11 | 10 | 11 | 10 | 10 | 10 | 5 | 14 | 8 | 5 | 118 | |

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*See Instruction 2 (*f*) on other side.

† Spare column, no entries required

(*Signed*) E Sankey

Boro' Surveyor Town Hall Stretford.

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2828

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1934.

*Kept at* Hullard Park, Old Trafford.

*in the County of* Lancaster

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft 1 in.

,, Ground ,, Sea Level 100 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf.

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·09 | – | – | – | – | – | – | ·08 | ·24 | ·05 | ·05 | ·50 | | 1 |
| 2 | ·04 | ·12 | ·14 | – | ·02 | – | – | ·48 | ·04 | – | ·25 | ·36 | | 2 |
| 3 | ·02 | – | – | – | – | – | – | ·14 | ·05 | ·05 | ·03 | ·04 | | 3 |
| 4 | ·27 | – | ·21 | – | ·08 | – | – | – | – | 1·08 | – | ·99 | | 4 |
| 5 | – | – | } ·18 | – | ·06 | – | – | ·50 | – | ·16 | – | ·07 | | 5 |
| 6 | – | – | | ·05 | ·48 | ·05 | – | ·06 | – | ·20 | – | ·31 | | 6 |
| 7 | ·34 | ·02 | ·11 | ·02 | – | ·10 | – | – | – | ·13 | ·15 | ·24 | | 7 |
| 8 | – | – | ·03 | – | ·06 | ·38 | – | – | – | ·11 | ·59 | ·04 | | 8 |
| 9 | – | ·02 | ·21 | ·05 | – | – | – | ·12 | – | – | ·34 | ·06 | | 9 |
| 10 | – | – | ·30 | ·03 | – | – | – | ·10 | – | ·30 | – | ·01 | | 10 |
| 11 | ·07 | – | – | ·23 | – | – | – | ·23 | – | – | ·07 | ·09 | | 11 |
| 12 | – | – | – | ·09 | – | – | ·25 | ·09 | – | ·08 | – | ·06 | | 12 |
| 13 | ·22 | – | – | ·07 | ·13 | ·02 | ·16 | – | – | ·10 | – | ·03 | | 13 |
| 14 | ·30 | – | ·07 | – | ·06 | – | – | – | – | ·36 | – | ·06 | | 14 |
| 15 | ·15 | – | ·42 | – | ·61 | – | – | ·12 | ·09 | ·03 | ·03 | ·20 | | 15 |
| 16 | ·32 | – | – | – | ·12 | – | – | – | – | ·09 | – | ·08 | | 16 |
| 17 | ·21 | – | ·27 | ·01 | ·11 | – | ·16 | – | ·43 | ·05 | – | ·11 | | 17 |
| 18 | ·09 | – | ·13 | ·31 | ·27 | ·16 | – | ·04 | – | – | – | ·11 | | 18 |
| 19 | – | ·02 | ·15 | – | ·07 | ·40 | – | – | ·35 | ·12 | – | ·02 | | 19 |
| 20 | – | – | ·04 | ·09 | ·11 | ·01 | – | – | ·15 | ·06 | – | – | | 20 |
| 21 | ·06 | – | ·05 | ·03 | – | ·31 | – | ·03 | ·22 | ·11 | – | – | | 21 |
| 22 | ·04 | – | ·05 | – | ·05 | – | ·30 | ·19 | ·32 | ·14 | – | ·08 | | 22 |
| 23 | – | – | ·14 | ·56 | – | ·07 | ·01 | ·05 | ·02 | ·15 | ·05 | ·08 | | 23 |
| 24 | – | ·18 | ·04 | ·21 | ·02 | ·03 | ·33 | – | ·12 | ·03 | – | – | | 24 |
| 25 | ·03 | ·12 | – | ·11 | – | – | ·20 | – | ·14 | ·21 | – | ·42 | | 25 |
| 26 | ·06 | – | – | ·15 | – | ·05 | ·35 | – | ·27 | ·12 | – | ·13 | | 26 |
| 27 | – | – | – | ·06 | ·05 | ·23 | ·11 | – | ·02 | ·17 | – | ·29 | | 27 |
| 28 | – | – | – | – | – | ·21 | ·08 | ·30 | – | ·21 | ·03 | ·48 | | 28 |
| 29 | – | × | – | – | – | – | ·05 | ·38 | ·47 | ·63 | – | ·11 | | 29 |
| 30 | – | × | – | – | – | – | ·32 | ·18 | ·09 | ·26 | – | – | | 30 |
| 31 | – | × | – | × | – | × | – | – | × | ·12 | × | ·22 | | 31 |
| TOTAL | 2·31 | ·48 | 2·54 | 2·07 | 2·27 | 2·02 | 2·32 | 3·09 | 3·02 | 5·09 | 1·59 | 5·16 | Year's Total. 31·96 | |
| * Days with .01 in. or more. | 16 | 6 | 17 | 16 | 16 | 13 | 12 | 17 | 16 | 27 | 10 | 27 | 193 | |
| * Days with .04 in. or more. | 14 | 3 | 16 | 12 | 14 | 10 | 11 | 16 | 14 | 25 | 7 | 24 | 166 | |

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* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(Signed) D. Parker

Borough Surveyor, Town Hall, Stretford

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2828

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1935.

*Kept at* Hullard Park, Old Trafford.

*in the County of* Lancaster

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 1 in.

,, Ground ,, Sea Level 100 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

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Jan. 1, following

Please read the Notes and Instructions Overleaf.

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·50 | ·32 | ·02 | - | - | ·09 | ·07 | - | ·08 | ·28 | ·05 | ·51 | | 1 |
| 2 | ·02 | ·14 | ·10 | - | - | ·18 | - | - | ·03 | ·06 | ·03 | ·16 | | 2 |
| 3 | ·13 | ·43 | ·09 | ·13 | - | ·08 | ·33 | - | ·18 | ·04 | ·07 | ·16 | | 3 |
| 4 | - | ·02 | ·01 | - | - | ·12 | - | - | ·25 | ·25 | - | - | | 4 |
| 5 | - | ·30 | ·11 | ·30 | - | ·23 | - | - | - | ·01 | - | ·25 | | 5 |
| 6 | - | - | - | ·04 | - | - | - | - | - | - | - | ·02 | | 6 |
| 7 | - | - | - | ·08 | - | ·39 | - | - | ·30 | ·17 | ·69 | ·26 | | 7 |
| 8 | - | - | - | ·10 | - | ·24 | - | - | - | ·07 | ·12 | ·25 | | 8 |
| 9 | - | - | - | ·20 | - | ·10 | - | - | - | 1·34 | ·10 | - | | 9 |
| 10 | - | ·05 | - | ·17 | - | - | - | - | - | ·11 | ·13 | - | | 10 |
| 11 | ·40 | ·10 | - | - | - | ·07 | - | ·02 | - | ·16 | ·10 | - | | 11 |
| 12 | - | ·06 | - | - | - | ·42 | - | - | ·10 | - | - | - | | 12 |
| 13 | ·18 | ·05 | - | ·09 | ·24 | ·07 | - | - | ·10 | - | ·01 | - | | 13 |
| 14 | - | - | - | ·04 | - | ·10 | - | - | ·10 | - | 1·30 | ·27 | | 14 |
| 15 | - | ·44 | - | ·35 | ·07 | - | ·08 | - | ·12 | - | ·01 | ·47 | | 15 |
| 16 | - | ·22 | ·18 | ·20 | - | ·20 | ·11 | - | ·43 | ·04 | ·22 | - | | 16 |
| 17 | - | - | - | ·35 | ·27 | ·29 | ·31 | - | ·42 | - | ·48 | - | | 17 |
| 18 | - | ·02 | - | ·26 | - | ·06 | ·05 | ·09 | ·39 | ·26 | - | - | | 18 |
| 19 | - | - | - | ·27 | ·11 | ·35 | ·15 | ·03 | - | ·09 | ·20 | - | | 19 |
| 20 | ·02 | ·33 | - | ·47 | - | ·13 | - | - | - | - | - | - | | 20 |
| 21 | - | ·31 | ·03 | - | - | - | - | - | ·41 | - | - | ·38 | | 21 |
| 22 | - | ·12 | ·05 | - | - | - | - | - | ·11 | - | ·02 | - | | 22 |
| 23 | ·05 | - | ·54 | - | - | - | - | ·23 | ·16 | ·43 | - | ·10 | | 23 |
| 24 | ·35 | ·25 | ·07 | - | - | - | - | - | ·90 | ·09 | - | - | | 24 |
| 25 | ·29 | - | ·13 | - | - | ·05 | - | - | - | - | ·05 | ·03 | | 25 |
| 26 | - | - | - | - | - | - | - | ·84 | ·47 | ·17 | ·33 | ·26 | | 26 |
| 27 | - | } | - | - | - | ·08 | ·12 | - | ·45 | ·65 | ·38 | ·08 | | 27 |
| 28 | ·05 | ·05 | - | - | - | - | - | ·10 | ·12 | ·43 | ·07 | - | | 28 |
| 29 | - | ✕ | ·05 | - | - | - | - | ·04 | ·33 | ·30 | ·10 | ·10 | | 29 |
| 30 | ·09 | ✕ | - | - | - | ·16 | - | ·14 | ·14 | ·37 | ·56 | ·07 | | 30 |
| 31 | ·14 | ✕ | ·04 | ✕ | - | ✕ | - | - | ✕ | ·25 | ✕ | ·22 | | 31 |
| | | | | | | | | | | | | | Year's Total | |
| TOTAL | 2·22 | 3·21 | 1·42 | 3·05 | ·69 | 3·41 | 1·22 | 1·49 | 5·59 | 5·57 | 5·02 | 3·59 | 36·48 | |
| * Days with .01 in. or more. | 12 | 17 | 13 | 15 | 4 | 20 | 8 | 8 | 21 | 21 | 21 | 17 | 177 | |
| * Days with .04 in. or more. | 10 | 15 | 10 | 15 | 4 | 20 | 8 | 6 | 20 | 20 | 17 | 15 | 160 | |

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) E. Parker [P.T.O.

BOROUGH SURVEYOR, STRETFORD.

COPY FOR ~~OFFICIAL~~ USE.

Section **A** for the entry of Daily Observations.

Station No. 2828

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1936.

*Kept at* Hulland Park, Old Trafford.

*in the County of* Lancaster

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 1 in.

,, Ground ,, Sea Level 100 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

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Jan. 1, following

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| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | | |
| 1 | - | ·10 | ·04 | ·18 | - | - | - | ·44 | ·10 | - | - | ·25 | | 1 | |
| 2 | ·07 | ·08 | ·01 | - | - | ·39 | ·06 | ·13 | - | - | ·06 | ·14 | | 2 | |
| 3 | ·09 | - | - | - | - | ·12 | - | ·14 | ·63 | - | - | - | | 3 | |
| 4 | ·16 | ·35 | ·20 | - | - | - | - | ·03 | ·86 | - | ·25 | ·19 | | 4 | |
| 5 | - | ·05 | ·25 | ·11 | - | ·02 | - | ·45 | ·10 | - | - | ·38 | | 5 | |
| 6 | ·06 | - | - | - | - | - | - | ·32 | ·42 | - | ·05 | - | | 6 | |
| 7 | - | - | ·05 | - | - | - | ·15 | - | ·64 | - | ·10 | ·40 | | 7 | |
| 8 | - | - | ·17 | - | - | - | - | - | - | - | ·33 | ·05 | | 8 | |
| 9 | ·23 | - | ·02 | - | - | - | - | - | - | - | ·32 | - | | 9 | |
| 10 | - | - | - | - | - | - | | - | - | - | ·26 | - | | 10 | |
| 11 | - | - | - | - | - | ·16 | ·39 | ·07 | - | - | ·43 | ·02 | | 11 | |
| 12 | - | - | - | ·06 | ·07 | ·80 | ·32 | - | ·27 | ·09 | ·02 | ·03 | | 12 | |
| 13 | - | - | - | - | - | ·02 | ·25 | - | ·40 | ·14 | ·02 | ·32 | | 13 | |
| 14 | - | - | - | ·03 | - | ·30 | - | ·14 | - | ·13 | ·20 | ·55 | | 14 | |
| 15 | ·30 | ·02 | - | ·10 | ·14 | ·13 | - | ·10 | ·06 | - | ·47 | ·07 | | 15 | |
| 16 | - | ·11 | ·03 | - | - | - | ·10 | - | - | - | ·63 | - | | 16 | |
| 17 | ·12 | ·30 | - | - | - | - | ·20 | ·10 | - | ·38 | ·05 | ·12 | | 17 | |
| 18 | - | ·08 | - | ·09 | - | - | ·27 | ·11 | - | ·50 | - | - | | 18 | |
| 19 | ·13 | - | - | ·21 | - | ·12 | ·21 | ·36 | - | ·04 | - | - | | 19 | |
| 20 | ·48 | ·21 | - | - | - | - | - | - | - | - | - | - | | 20 | |
| 21 | ·19 | - | - | - | - | ·20 | - | - | - | ·14 | - | - | | 21 | |
| 22 | ·12 | ·23 | ·04 | - | - | ·31 | ·15 | - | - | - | - | ·22 | | 22 | |
| 23 | - | ·01 | ·16 | ·13 | - | - | ·45 | - | - | ·08 | - | - | | 23 | |
| 24 | ·08 | - | - | ·03 | - | - | - | - | ·33 | ·38 | - | - | | 24 | |
| 25 | ·24 | - | - | ·08 | - | - | - | - | ·45 | ·19 | - | ·04 | | 25 | |
| 26 | ·88 | ·21 | - | - | - | - | - | - | ·12 | ·19 | - | - | | 26 | |
| 27 | - | - | - | - | - | - | - | - | ·05 | ·40 | - | - | | 27 | |
| 28 | ·12 | ·18 | ·15 | - | - | - | ·10 | - | - | - | - | ·15 | | 28 | |
| 29 | ·07 | ·14 | ·37 | - | - | ·63 | ·02 | - | - | ·10 | ·23 | ·23 | | 29 | |
| 30 | ·18 | ✕ | - | - | ·68 | - | ·36 | - | - | ·39 | ·14 | - | | 30 | |
| 31 | ·14 | ✕ | ·04 | ✕ | - | ✕ | ·02 | ·04 | ✕ | ·17 | ✕ | ·22 | "d" | 31 | |
| TOTAL | 3·66 | 2·07 | 1·53 | 1·02 | ·89 | 3·20 | 3·05 | 2·43 | 4·43 | 3·32 | 3·56 | 3·38 | Year's Total 32·54 | ✓ | |
| * Days with .01 in. or more. | 18 | 14 | 13 | 10 | 3 | 12 | 15 | 13 | 13 | 15 | 16 | 17 | ~~159~~ | ~~160~~ | |
| * Days with .04 in. or more. | 18 | 12 | 10 | 8 | 3 | 10 | 13 | 12 | 13 | 15 | 14 | 15 | 143 | ✓ | |

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) ............................ [P.T.O.

BOROUGH SURVEYOR, STRETFORD.

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Section **A** for the entry of Daily Observations

Station No. 2828

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1937.

*Kept at* HULLARD PARK, OLD TRAFFORD.

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Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 1 in.

,, Ground ,, Sea Level 100 ft.

Ave. RD.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

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Jan. 1, following ✓

**Please read the Notes and Instructions Overleaf**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | .05 | .24 | .04 | - | - | - | - | - | .17 | - | - | - | | 1 |
| 2 | .05 | .17 | .06 | .14 | - | - | .05 | - | - | - | - | - | | 2 |
| 3 | - | .07 | .05 | .05 | .19 | .40 | .12 | - | - | - | - | - | | 3 |
| 4 | .25 | .03 | .02 | .10 | .08 | .04 | - | .02 | - | - | - | - | | 4 |
| 5 | .90 | - | .03 | .01 | - | - | - | - | - | - | - | - | | 5 |
| 6 | .16 | - | - | .08 | .17 | - | .02 | 1.04 | - | - | - | .99* | | 6 |
| 7 | - | .26 | - | .27 | .07 | .05 | - | - | .08 | - | - | .82 | | 7 |
| 8 | - | .43 | - | .08 | - | .10 | .24 | - | - | - | .11 | - | | 8 |
| 9 | - | .23 | - | .03 | .19 | - | .40 | .07 | - | - | - | - | | 9 |
| 10 | .02 | .13 | - | - | - | .08 | .07 | .12 | - | - | - | - | | 10 |
| 11 | - | .01 | .10 | - | .18 | - | - | - | - | - | - | .21 | | 11 |
| 12 | .04 | .42 | .02 | - | .05 | .08 | .03 | - | .24 | - | - | - | | 12 |
| 13 | - | .17 | .03 | - | - | .18 | - | .30 | - | - | - | .31 | | 13 |
| 14 | - | .04 | .05 | - | - | - | - | .32 | .06 | - | - | - | | 14 |
| 15 | .19 | .19 | - | .32 | - | - | - | - | - | - | - | .03 | | 15 |
| 16 | .08 | .37 | .10 | .32 | - | - | - | .09 | .10 | - | - | - | | 16 |
| 17 | .04 | .07 | .29 | .14 | .08 | - | - | - | - | - | - | - | | 17 |
| 18 | .67 | .13 | .15 | .26 | - | - | .05 | .11 | .06 | - | .55 | - | | 18 |
| 19 | .13 | .11 | .11 | .05 | - | .05 | .09 | - | - | - | .39 | - | | 19 |
| 20 | .02 | .05 | - | .32 | .27 | - | - | - | - | - | - | .10 | | 20 |
| 21 | .02 | .15 | .05 | .18 | - | - | .22 | - | - | - | - | .03 | | 21 |
| 22 | .04 | .08 | .09 | - | .01 | - | .04 | - | - | .47 | .15 | .09 | | 22 |
| 23 | .12 | - | .02 | - | .35 | - | .07 | - | - | .31 | .15 | - | | 23 |
| 24 | .10 | .10 | .16 | - | .04 | - | .06 | - | .22 | .26 | - | - | | 24 |
| 25 | - | .35 | - | - | .44 | - | - | .05 | .03 | .05 | - | .10 | | 25 |
| 26 | - | .27 | .15 | - | - | - | - | - | - | - | - | .02 | | 26 |
| 27 | - | .67 | .07 | .20 | - | - | - | - | - | .36 | - | .03 | | 27 |
| 28 | - | .15 | - | - | - | - | - | - | - | .18 | - | - | | 28 |
| 29 | .02 | - | - | - | .03 | .07 | - | - | - | .04 | - | - | | 29 |
| 30 | .11 | X | - | - | - | .28 | - | .28 | - | .14 | - | - | | 30 |
| 31 | .29 | X | - | X | - | X | - | .05 | X | .11 | X | - | | 31 |
| TOTAL | 3.30 | 4.89 | 1.59 | 2.55 | 2.15 | 1.33 | 1.46 | 2.45 | .96 | 1.92 | 1.35 | 2.73 | Year's Total<br>26.68 | ✓ |
| * Days with .01 in. or more. | 20 | 25 | 19 | 16 | 14 | 10 | 13 | 11 | 8 | 9 | ~~5~~ 7 | ~~11~~ 14 | ~~161~~ 166 | ✓ |
| * Days with .04 in. or more. | 16 | 23 | 14 | 14 | 12 | 10 | 11 | 10 | 7 | 9 | ~~5~~ 7 | ~~7~~ 10 | ~~138~~ 143 | ✓ |

* See Instruction 3 (f) on other side.

THIS FIGURE IS RAINFALL FROM 24th NOV. to 6th DEC. (INCL.) (MEASURE BROKEN - NO DAILY RECORD TAKEN)

† Spare column, no entries required.

(Signed) E. Parker [P.T.O.

BOROUGH SURVEYOR, STRETFORD.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations — Station No. 2828

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1938

*Kept at* Hullard Park, Old Trafford.

*in the County of* Lancaster

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 1 in.

,, Ground ,, Sea Level 100 ft.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | - | - | - | ·03 | - | ·71 | - | - | - | ·04 | ·12 | ·33 | | 1 |
| 2 | ·04 | - | - | ·25 | - | ·26 | ·01 | - | - | ·53 | ·08 | ·18 | | 2 |
| 3 | - | - | - | - | - | ·02 | ·22 | - | ·18 | ·80 | ·19 | ·01 | | 3 |
| 4 | ·05 | - | - | - | - | ·01 | - | ·26 | - | ·10 | ·04 | ·53 | | 4 |
| 5 | ·07 | - | - | ·07 | - | ·04 | - | - | ·15 | ·40 | - | ·04 | | 5 |
| 6 | ·10 | - | - | - | - | ·05 | ·50 | - | ·41 | ·21 | - | ·01 | | 6 |
| 7 | ·28 | - | - | - | - | - | ·57 | - | ·23 | ·09 | - | - | | 7 |
| 8 | ·50 | - | - | - | - | - | ·34 | ·09 | - | ·56 | - | ·22 | | 8 |
| 9 | ·03 | ·37 | ·22 | - | - | ·36 | ·25 | ·06 | - | - | - | ·20 | | 9 |
| 10 | ·02 | ·03 | ·02 | - | - | ·03 | ·74 | - | - | ·19 | - | ·04 | | 10 |
| 11 | ·24 | ·04 | - | - | ·03 | ·01 | ·38 | ·07 | ·03 | ·10 | ·10 | ·03 | | 11 |
| 12 | ·06 | - | - | - | ·12 | - | ·03 | ·47 | - | 1·15 | ·31 | - | | 12 |
| 13 | ·03 | - | - | - | - | - | - | - | ·06 | ·12 | ·09 | ·28 | | 13 |
| 14 | ·25 | - | - | - | ·06 | - | ·20 | - | - | - | - | - | | 14 |
| 15 | ·24 | - | - | - | ·03 | - | ·35 | ·23 | - | ·09 | - | ·12 | | 15 |
| 16 | ·31 | - | ·03 | - | ·28 | - | ·17 | ·04 | ·11 | - | ·07 | ·11 | | 16 |
| 17 | - | - | - | - | ·25 | - | ·06 | ·09 | ·05 | ·20 | ·01 | ·03 | | 17 |
| 18 | ·04 | - | - | - | ·12 | ·09 | - | ·09 | ·04 | ·34 | - | - | | 18 |
| 19 | - | - | - | - | - | - | - | ·13 | - | - | ·23 | ·03 | | 19 |
| 20 | ·18 | - | - | - | - | - | - | ·03 | ·03 | - | ·39 | - | | 20 |
| 21 | - | - | ·04 | - | - | - | - | ·08 | - | - | ·04 | ·01 | | 21 |
| 22 | - | - | - | ·04 | - | ·30 | - | - | - | - | ·23 | - | | 22 |
| 23 | - | - | - | - | ·11 | ·17 | - | - | ·07 | - | ·30 | - | | 23 |
| 24 | ·23 | ·06 | ·21 | - | ·06 | ·10 | ·12 | ·43 | ·02 | - | ·17 | - | | 24 |
| 25 | ·03 | ·23 | ·06 | - | ·01 | ·03 | ·11 | ·02 | - | ·56 | ·78 | - | | 25 |
| 26 | ·20 | ·21 | ·27 | - | ·04 | - | ·10 | ·02 | ·06 | - | ·35 | ·18 | | 26 |
| 27 | ·43 | ·06 | - | - | ·47 | ·43 | - | ·28 | - | - | ·31 | - | | 27 |
| 28 | ·14 | ·02 | ·10 | - | ·05 | ·50 | ·25 | ·23 | ·07 | ·40 | - | ·17 | | 28 |
| 29 | ·26 | × | ·16 | - | 1·45 | - | ·14 | - | - | ·08 | ·08 | ·41 | | 29 |
| 30 | ·19 | × | - | - | ·14 | ·33 | - | - | ·32 | - | ·11 | ·05 | | 30 |
| 31 | ·20 | × | - | × | ·28 | × | - | - | × | ·48 | × | ·78 | | 31 |
| TOTAL | 4·12 | 1·02 | 1·11 | ·39 | 3·50 | 3·44 | 4·54 | 2·62 | 1·83 | 6·44 | 4·00 | 3·76 | Year's Total 36·77 | |
| * Days with .01 in. or more. | 24 | 8 | 9 | 4 | 16 | 17 | 18 | 17 | 15 | 19 | 20 | 21 | 188 | |
| * Days with .04 in. or more. | 20 | 6 | 7 | 3 | 13 | 12 | 16 | 14 | 12 | 19 | 19 | 15 | 156 | |

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) C. Parker

P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 2818

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1939

*Kept at* Hullard Park, Old Trafford

*in the County of* Lancaster

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 1 in.

,, Ground ,, Sea Level 100 ft.

au ✓

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | ·15 | - | ·01 | ·24 | - | - | ·03 | ·04 | ·50 | - | - | ·12 | | 1 |
| 2 | ·11 | - | - | ·23 | - | - | ·25 | ·30 | - | - | ·06 | ·02 | | 2 |
| 3 | ·12 | - | - | ·23 | - | - | - | ·10 | - | - | ·04 | ·57 | | 3 |
| 4 | ·15 | - | ·24 | ·18 | - | - | ·33 | - | - | ·02 | ·16 | 1·11 | | 4 |
| 5 | - | - | - | - | ·42 | - | ·41 | ·04 | - | ·09 | ·24 | ·02 | | 5 |
| 6 | ·93 | ·07 | ·01 | - | ·03 | - | ·32 | - | - | - | ·03 | ·01 | | 6 |
| 7 | ·05 | ·15 | ·03 | - | ·04 | - | ·10 | - | - | - | ·10 | ·60 | | 7 |
| 8 | ·32 | ·08 | ·21 | ·02 | - | - | ·89 | - | - | ·15 | ·32 | ·21 | | 8 |
| 9 | - | ·36 | - | - | - | - | - | ·23 | - | ·33 | ·05 | ·37 | | 9 |
| 10 | ·14 | - | ·03 | - | - | ·05 | - | ·40 | ·30 | ·09 | - | ·05 | | 10 |
| 11 | ·30 | ·03 | ·13 | - | - | ·22 | - | ·02 | - | ·03 | ·02 | - | | 11 |
| 12 | ·40 | ·13 | - | - | - | ·02 | - | - | - | - | - | - | | 12 |
| 13 | - | - | ·01 | ·27 | ·13 | ·18 | ·06 | | ·03 | - | - | - | | 13 |
| 14 | ·45 | - | - | ·03 | ·61 | ·30 | ·11 | - | - | ·03 | ·14 | - | | 14 |
| 15 | ·09 | ·02 | - | ·45 | ✓ ·35 | ·65 | ·13 | - | - | - | ·08 | - | | 15 |
| 16 | ·04 | - | ·02 | - | | - | ·25 | - | - | ·03 | - | - | | 16 |
| 17 | ·62 | ·18 | - | - | ·05 | ·01 | ·05 | - | - | ·34 | ·06 | - | | 17 |
| 18 | ·15 | ·15 | ·03 | - | - | ·40 | ·15 | - | - | - | 1·02 | - | | 18 |
| 19 | ·27 | - | ·01 | - | - | - | ·09 | - | - | - | - | - | | 19 |
| 20 | ·02 | - | ·05 | - | ·07 | ·01 | ·18 | ·24 | - | - | - | - | | 20 |
| 21 | ·07 | ·08 | ·43 | ·12 | ·08 | ·21 | ·08 | ·03 | ·05 | - | - | - | | 21 |
| 22 | ·06 | ·17 | ·17 | ·18 | - | - | ·12 | - | - | - | ·63 | - | | 22 |
| 23 | - | ·54 | ·04 | ·37 | - | ·02 | ·08 | - | - | ·30 | ·22 | ·01 | | 23 |
| 24 | ·01 | ·06 | - | ·03 | - | - | ·06 | - | - | ·03 | ·03 | - | | 24 |
| 25 | ·19 | ·20 | ·01 | - | - | - | - | - | - | - | ·90 | - | | 25 |
| 26 | - | - | - | - | - | - | - | ·19 | - | ·05 | ·33 | ·02 | | 26 |
| 27 | ·06 | 1·41 | ·03 | - | - | ·20 | ·06 | ·03 | - | ·01 | ·12 | ·07 | | 27 |
| 28 | - | ·17 | ·18 | ·04 | - | ·08 | ·48 | - | - | - | ·61 | - | | 28 |
| 29 | - | | - | - | - | - | 1·22 | - | - | ·08 | ·10 | - | | 29 |
| 30 | - | ✕ | - | - | - | ·16 | ·17 | - | - | - | ·14 | - | | 30 |
| 31 | - | ✕ | - | ✕ | - | ✕ | ·12 | - | ✕ | - | ✕ | - | | 31 |
| | | | | | | | | | | | | | Year's Total | |
| TOTAL | 4·70 | 3·80 | 1·64 | 2·39 | 1·76 | 2·51 | 5·74 | 1·62 | ·88 | 1·58 | 5·40 | 3·18 | 35·20 | |
| * Days with .01 in. or more. | 22 | 16 | 18 | 13 | ~~9~~ 10 | 14 | 24 | 11 | 4 | 14 | 22 | 13 | 18~~2~~1 | |
| * Days with .04 in. or more. | 20 | 14 | 8 | 10 | 8 | 10 | 23 | 8 | 3 | 8 | 19 | 8 | 139 | |

* See Instruction 3 (f) on other side.

12 FEB 1940

† Spare column, no entries required.

(*Signed*) E Parker
Borough Treasurer

P.T.O.

COPY FOR OFFICIAL USE

**Section A** for the entry of Daily Observations — Station No. 2828.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1940.

*Kept at* Hullard Park, Old Trafford
*in the County of* Lancaster.
Diameter of Funnel of Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 1 in.
,, Ground ,, Sea Level 100 ft.

f 827798/28

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | - | ·16 | - | ·13 | - | - | - | - | - | - | ·26 | ·26 | | 1 |
| 2 | - | - | - | ·26 | - | - | ·06 | - | - | - | ·20 | ·19 | | 2 |
| 3 | - | ·03 | - | ·17 | - | - | ·08 | - | - | ·20 | ·06 | ·09 | | 3 |
| 4 | - | ·05 | - | - | - | - | - | - | - | ·11 | ·26 | ·25 | | 4 |
| 5 | - | - | - | - | ·20 | - | ·24 | - | - | ·38 | ·02 | ·32 | | 5 |
| 6 | ·06 | ·30 | - | - | - | - | ·04 | - | - | ·56 | ·10 | ·06 | | 6 |
| 7 | ·01 | ·15 | - | ·20 | ·07 | - | ·11 | ·11 | - | - | - | - | | 7 |
| 8 | - | - | - | - | - | - | - | ·01 | - | ·17 | - | ·26 | | 8 |
| 9 | - | - | ·27 | ·04 | - | - | ·82 | ·20 | ·45 | ·24 | ·60 | ·24 | | 9 |
| 10 | - | - | ·03 | - | - | - | ·39 | - | - | ·22 | ·68 | ·36 | | 10 |
| 11 | - | ·01 | ·04 | ·09 | - | ·12 | ·02 | ·24 | - | - | 1·10 | - | | 11 |
| 12 | - | - | ·48 | - | - | - | ·10 | ·04 | ·30 | - | ·58 | - | | 12 |
| 13 | - | - | ·23 | - | - | - | - | ·03 | ·20 | - | ·13 | - | | 13 |
| 14 | - | ·03 | ·02 | ·25 | ·20 | - | ·09 | ·15 | - | - | - | - | | 14 |
| 15 | - | - | - | ·10 | - | - | - | - | ·18 | - | ·05 | - | | 15 |
| 16 | ·06 | ·06 | ·11 | ·16 | ·08 | - | ·30 | - | 1·14 | - | ·15 | ·45 | | 16 |
| 17 | - | - | ·78 | - | - | - | ·09 | - | ·08 | ·56 | ·64 | ·02 | | 17 |
| 18 | ·10 | ·20 | ·18 | ·25 | - | - | ·01 | ·38 | ·23 | - | - | - | | 18 |
| 19 | - | ·23 | ·12 | ·02 | - | - | ·21 | - | ·26 | - | ·21 | - | | 19 |
| 20 | - | - | - | ·17 | - | - | - | ·28 | ·01 | ·18 | ·06 | - | | 20 |
| 21 | - | - | ·05 | - | - | ·42 | ·41 | - | ·07 | - | ·81 | - | | 21 |
| 22 | - | ·04 | ·02 | ·10 | ·16 | - | ·20 | ·08 | ·38 | - | - | - | | 22 |
| 23 | - | ·18 | ·03 | - | ·20 | - | ·03 | - | ·11 | - | ·14 | - | | 23 |
| 24 | ·23 | | - | - | - | - | - | - | - | - | ·01 | - | | 24 |
| 25 | ·01 | | - | - | - | ·12 | - | - | - | ·05 | - | - | | 25 |
| 26 | ·68 | ·06 | ·03 | - | - | - | ·07 | - | - | - | ·04 | - | | 26 |
| 27 | ·74 | ·25 | - | - | - | ·02 | - | - | - | - | - | - | | 27 |
| 28 | ·10 | ·23 | - | - | ·08 | - | ·62 | ·05 | - | - | - | - | | 28 |
| 29 | - | | ·22 | ·01 | - | ·25 | ·09 | - | - | - | - | - | | 29 |
| 30 | - | ✕ | - | | - | - | - | - | - | - | - | ·27 | | 30 |
| 31 | - | ✕ | ·19 | ✕ | ·02 | ✕ | - | - | ✕ | 1·15 | ✕ | ·02 | | 31 |
| | | | | | | | | | | | | | Year's Total | |
| TOTAL | 1·99 | 1·98 | 2·80 | 1·95 | 1.01 | ·93 | 3·98 | 1·57 | 3·41 | 3·82 | 6·10 | 2·79 | 32·33 | |
| * Days with .01 in. or more. | 10 | 15 | 16 | 14 | 8 | 5 | 20 | 11 | 12 | 11 | 20 | 13 | 155 | |
| * Days with .04 in. or more. | 7 | 12 | 11 | 12 | 7 | 4 | 17 | 9 | 11 | 11 | 18 | 11 | 130 | |

* See Instruction 3 (f) on other side.

TOWN HALL, TALBOT RD.
STRETFORD.

† Spare column, no entries required.

(Signed) C. Parker
Borough Surveyor
7/7/41

[P.T.O.

2829

Section **A** for the entry

AIR MINIS

FORM 1090.

REG

Kept at Council Off

in the County of

Diameter of Funnel of Gauge

Height of top of Gauge above G

,, Ground ,, Se

**THE MORNING MEA**

*An observer who does not confor*
*year in the space on the right o*

2829

OLD TRAFFORD, COUNCIL OFFICES

1931, 1933 — 40

780501

COPY FOR OFFICIAL USE.

ALL ORGANIZATION.

1.

AY.

*e following*

Jan. 1, following

| Date | Jan. | Feb. | Mar |  |  |  |  |  |  | t. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | in. | in. | in. |  |  |  |  |  |  |  | in. | in. |  |
| 1 | - | ·02 | - | ·09 | ·01 | - | - | ·02 | ·05 | ·03 | - | - | 1 |
| 2 | - | ·06 | - | ·43 | ·03 | ·55 | ·02 | - | ·09 | - | ·06 | ·05 | 2 |
| 3 | - | - | - | ·27 | ·02 | ·35 | ·27 | - | ·88 | - | ·89 | ·30 | 3 |
| 4 | - | ·03 | - | ·37 | ·02 | - | ·12 | ·16 | ·55 | - | - | ·13 | 4 |
| 5 | - | ·09 | - | ·03 | ·11 | 1·08 | ·37 | ·98 | ·07 | - | - | ·35 | 5 |
| 6 | - | ·08 | - | ·03 | ·01 | ·35 | ·35 | ·03 | ·15 | ·49 | ·40 | - | 6 |
| 7 | - | ·22 | - | - | ·03 | ·25 | - | ·64 | - | ·09 | ·07 | ·06 | 7 |
| 8 | ·05 | ·06 | ·03 | ·20 | - | ·02 | ·18 | ·39 | - | - | ·23 | ·03 | 8 |
| 9 | ·03 | ·43 | ·03 | ·17 | - | ·21 | - | ·06 | ·06 | - | ·15 | ·06 | 9 |
| 10 | ·08 | ·17 | - | ·04 | ·18 | ·28 | ·03 | ·34 | ·03 | - | ·36 | - | 10 |
| 11 | ·25 | ·24 | - | - | - | - | ·03 | ·03 | ·50 | - | ·20 | - | 11 |
| 12 | ·07 | ·09 | - | - | - | - | ·50 | ·01 | ·06 | ·15 | ·15 | - | 12 |
| 13 | - | ·02 | ·07 | - | ·07 | ·04 | ·09 | ·24 | - | - | - | - | 13 |
| 14 | ·14 | ·15 | - | ·01 | ·10 | ·71 | ·07 | ·94 | ·03 | - | ·52 | - | 14 |
| 15 | ·36 | ·25 | - | ·25 | ·14 | ·01 | ·29 | ·09 | ·03 | - | ·04 | ·10 | 15 |
| 16 | ·19 | ·17 | - | ·13 | ·26 | ·42 | ·03 | 1·47 | ·26 | - | - | - | 16 |
| 17 | ·07 | ·11 | - | ·05 | ·18 | ·02 | ·12 | ·39 | ·01 | - | ·16 | - | 17 |
| 18 | ·36 | ·02 | - | ·01 | - | ·47 | ·30 | ·08 | - | - | - | - | 18 |
| 19 | ·30 | ·19 | - | - | - | ·01 | ·36 | 1·02 | ·01 | ·04 | ·66 | - | 19 |
| 20 | ·11 | ·23 | - | ·02 | - | ·05 | ·01 | ·41 | - | - | - | ·04 | 20 |
| 21 | ·34 | ·06 | ·08 | - | ·15 | ·06 | - | ·30 | - | - | ·12 | - | 21 |
| 22 | ·09 | ·09 | ·05 | - | ·16 | ·06 | - | ·02 | - | - | ·04 | ·02 | 22 |
| 23 | ·39 | ·01 | - | ·01 | ·31 | ·19 | ·43 | - | - | - | ·22 | ·15 | 23 |
| 24 | ·20 | ·15 | - | ·14 | ·61 | - | ·03 | - | - | - | ·03 | ·02 | 24 |
| 25 | ·13 | ·58 | - | ·42 | ·05 | - | - | - | - | - | ·01 | ·01 | 25 |
| 26 | ·03 | ·02 | - | ·67 | - | - | ·05 | - | - | - | ·50 | ·05 | 26 |
| 27 | ·37 | ·11 | - | ·06 | ·27 | - | ·14 | - | - | ·40 | ·80 | ·07 | 27 |
| 28 | ·18 | ·16 | - | ·06 | ·10 | - | ·05 | - | ·02 | - | - | ·08 | 28 |
| 29 | ·36 | - | - | - | ·07 | - | ·14 | - | - | ·50 | ·04 | - | 29 |
| 30 | ·02 | X | - | ·06 | - | - | ·02 | - | ·05 | - | - | ·04 | 30 |
| 31 | ·11 | X | - | X | - | X | ·35 | - | X | - | X | - | 31 |
| TOTAL | 4·23 | 3·81 | ·26 | 3·52 | 2·88 | 5·13 | 4·35 | 7·62 | 2·85 | 1·70 | 5·65 | 1·56 | YEAR'S TOTAL 43·56 |
| *Days with ·01 in. or more. | 23 | 27 | 5 | 22 | 21 | 19 | 25 | 20 | 17 | 7 | 21 | 17 | 224 |
| *Days with ·04 in. or more. | 20 | 21 | 3 | 16 | 15 | 15 | 18 | 15 | 11 | 6 | 19 | 13 | 172 |

40-9999

*See Instruction 2 (*f*) on other side.

(Signed) E. Parker
Surveyor to the Stretford U.D.C.

[P.T.O.

2829

Section **A** for the entry of Daily Observations. COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1931.

*Kept at* Council Offices, Old Trafford

*in the County of* Lancashire

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 1 in.

,, Ground ,, Sea Level 107 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | - | ·02 | - | ·09 | ·01 | - | - | ·02 | ·05 | ·03 | - | - | 1 |
| 2 | - | ·06 | - | ·43 | ·03 | ·55 | ·02 | - | ·09 | - | ·06 | ·05 | 2 |
| 3 | - | - | - | ·27 | ·02 | ·35 | ·27 | - | ·88 | - | ·89 | ·30 | 3 |
| 4 | - | ·03 | - | ·37 | ·02 | - | ·12 | ·16 | ·55 | - | - | ·13 | 4 |
| 5 | - | ·09 | - | ·03 | ·11 | 1·08 | ·37 | ·98 | ·07 | - | - | ·35 | 5 |
| 6 | - | ·08 | - | ·03 | ·01 | ·35 | ·35 | ·03 | ·15 | ·49 | ·40 | - | 6 |
| 7 | - | ·22 | - | - | ·03 | ·25 | - | ·64 | - | ·09 | ·07 | ·06 | 7 |
| 8 | ·05 | ·06 | ·03 | ·20 | - | ·02 | ·18 | ·39 | - | - | ·23 | ·03 | 8 |
| 9 | ·03 | ·43 | ·03 | ·17 | - | ·21 | - | ·06 | ·06 | - | ·15 | ·06 | 9 |
| 10 | ·08 | ·17 | - | ·04 | ·18 | ·28 | ·03 | ·34 | ·03 | - | ·36 | - | 10 |
| 11 | ·25 | ·24 | - | - | - | - | ·03 | ·03 | ·50 | - | ·20 | - | 11 |
| 12 | ·07 | ·09 | - | - | - | - | ·50 | ·01 | ·06 | ·15 | ·15 | - | 12 |
| 13 | - | ·02 | ·07 | - | ·07 | ·04 | ·09 | ·24 | - | - | - | - | 13 |
| 14 | ·14 | ·15 | - | ·01 | ·10 | ·71 | ·07 | ·94 | ·03 | - | ·52 | - | 14 |
| 15 | ·36 | ·25 | - | ·25 | ·14 | ·01 | ·29 | ·09 | ·03 | - | ·04 | ·10 | 15 |
| 16 | ·19 | ·17 | - | ·13 | ·26 | ·42 | ·03 | 1·47 | ·26 | - | - | - | 16 |
| 17 | ·07 | ·11 | - | ·05 | ·18 | ·02 | ·12 | ·39 | ·01 | - | ·16 | - | 17 |
| 18 | ·36 | ·02 | - | ·01 | - | ·47 | ·30 | ·08 | - | - | - | - | 18 |
| 19 | ·30 | ·19 | - | - | - | ·01 | ·36 | 1·02 | ·01 | ·04 | ·66 | - | 19 |
| 20 | ·11 | ·23 | - | ·02 | - | ·05 | ·01 | ·41 | - | - | - | ·04 | 20 |
| 21 | ·34 | ·06 | ·08 | - | ·15 | ·06 | - | ·30 | - | - | ·12 | - | 21 |
| 22 | ·09 | ·09 | ·05 | - | ·16 | ·06 | - | ·02 | - | - | ·04 | ·02 | 22 |
| 23 | ·39 | ·01 | - | ·01 | ·31 | ·19 | ·43 | - | - | - | ·22 | ·15 | 23 |
| 24 | ·20 | ·15 | - | ·14 | ·61 | - | ·03 | - | - | - | ·03 | ·02 | 24 |
| 25 | ·13 | ·58 | - | ·42 | ·05 | - | - | - | - | - | ·01 | ·01 | 25 |
| 26 | ·03 | ·02 | - | ·67 | - | - | ·05 | - | - | - | ·50 | ·05 | 26 |
| 27 | ·37 | ·11 | - | ·06 | ·27 | - | ·14 | - | - | ·40 | ·80 | ·07 | 27 |
| 28 | ·18 | ·16 | - | ·06 | ·10 | - | ·05 | - | ·02 | - | - | ·08 | 28 |
| 29 | ·36 | - | - | - | ·07 | - | ·14 | - | - | ·50 | ·04 | - | 29 |
| 30 | ·02 | ✕ | - | ·06 | - | - | ·02 | - | ·05 | - | - | ·04 | 30 |
| 31 | ·11 | ✕ | - | ✕ | - | ✕ | ·35 | - | ✕ | - | ✕ | - | 31 |
| TOTAL | 4·23 | 3·81 | ·26 | 3·52 | 2·88 | 5·13 | 4·35 | 7·62 | 2·85 | 1·70 | 5·65 | 1·56 | YEAR'S TOTAL 43·56 |
| *Days with ·01 in. or more. | 23 | 27 | 5 | 22 | 21 | 19 | 25 | 20 | 17 | 7 | 21 | 17 | 224 |
| *Days with ·04 in. or more. | 20 | 21 | 3 | 16 | 15 | 15 | 18 | 15 | 11 | 6 | 19 | 13 | 172 |

40-9999

*See Instruction 2 (*f*) on other side.

(Signed) E. Parker

Surveyor to the Stretford U.D.C.

[P.T.O.

X MANCHESTER (OLD TRAFFORD) X

**COPY FOR OFFICIAL USE.**

Section **A** for the entry of Daily Observations. 827798/28 Station No. 2829

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1933 .

S Lancs/3

*Kept at* ~~Council Offices, Old Trafford~~.

*in the County of* Lancaster

LS 2833-4

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft 1 in

,, Ground ,, Sea Level 107 ft.

1932 unavailable not sent.

moved to there Town Hall in 1933

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·04 | ·28 | – | – | ·02 | – | – | ·03 | – | – | – | – | | 1 |
| 2 | ·36 | ·01 | ·17 | ·25 | ·13 | ·11 | – | ·12 | – | – | ·25 | – | | 2 |
| 3 | – | ·48 | ·10 | – | ·45 | – | – | ·03 | – | – | – | – | | 3 |
| 4 | ·26 | ·04 | ·15 | – | ·14 | – | – | ·03 | – | – | ·03 | ·02 | | 4 |
| 5 | ·20 | ·20 | – | – | ·05 | – | – | – | – | – | ·06 | – | | 5 |
| 6 | – | ·17 | ·14 | – | ·06 | – | – | – | – | – | – | – | | 6 |
| 7 | ·10 | ·33 | – | – | ·07 | – | ·25 | – | – | – | – | ·06 | | 7 |
| 8 | ·23 | ·05 | ·17 | ·06 | ·06 | ·45 | ·45 | ·01 | – | ·79 | – | – | | 8 |
| 9 | – | ·29 | – | ·08 | ·06 | – | ·24 | – | – | ·44 | ·24 | – | | 9 |
| 10 | ·11 | ·12 | – | – | – | ·08 | ·03 | – | – | ·96 | ·10 | ·05 | | 10 |
| 11 | – | – | – | ·04 | – | – | ·34 | – | – | ·24 | – | – | | 11 |
| 12 | – | – | – | – | – | ·09 | ·24 | – | – | ·25 | – | – | | 12 |
| 13 | – | – | – | – | ·16 | – | ·23 | – | – | ·10 | ·16 | – | | 13 |
| 14 | ·21 | – | ·04 | – | ·04 | – | ·16 | ·14 | – | ·03 | ·22 | – | | 14 |
| 15 | ·37 | – | ·01 | – | ·02 | – | ·03 | – | – | ·51 | ·13 | – | | 15 |
| 16 | ·14 | ·01 | ·12 | – | ·01 | ·11 | ·05 | ·04 | – | ·14 | ·22 | – | | 16 |
| 17 | – | – | 1·03 | – | – | ·73 | ·01 | ·12 | ·04 | – | – | – | | 17 |
| 18 | ·08 | – | ·31 | – | – | 1·08 | – | – | – | – | ·01 | – | | 18 |
| 19 | – | – | ·43 | – | – | ·08 | – | ·02 | ·52 | – | ·04 | ·02 | | 19 |
| 20 | – | – | ·01 | – | – | – | – | ·30 | – | – | ·01 | – | | 20 |
| 21 | – | ·18 | – | – | – | – | – | ·42 | – | – | – | – | | 21 |
| 22 | – | – | – | – | – | ·21 | – | ·11 | – | ·06 | – | – | | 22 |
| 23 | – | – | – | ·11 | ·09 | ·05 | – | – | ·24 | ·08 | – | – | | 23 |
| 24 | – | ·13 | – | ·12 | ·23 | ·05 | – | – | ·30 | – | – | ·10 | | 24 |
| 25 | – | ·51 | – | ·21 | – | ·01 | – | – | ·09 | – | – | ·01 | | 25 |
| 26 | – | ·06 | – | ·08 | – | – | – | – | – | ·01 | – | – | | 26 |
| 27 | – | ·01 | – | – | ·04 | – | – | – | ·02 | ·14 | – | – | | 27 |
| 28 | – | – | – | – | – | – | ·05 | – | – | – | – | – | | 28 |
| 29 | – | × | ·05 | ·17 | – | – | ·07 | – | – | – | – | ·03 | | 29 |
| 30 | – | × | ·07 | ·04 | – | – | ·15 | – | – | ·30 | – | ·20 | | 30 |
| 31 | ·28 | × | – | × | – | × | ·06 | ·07 | × | ·21 | × | – | | 31 |
| TOTAL | 2·38 | 2·87 | 2·80 | 1·16 | 1·63 | 3·05 | 2·36 | 1·44 | 1·21 | 4·26 | 1·47 | ·49 | Year's Total<br>25·12 | |
| *Days with ·01 in. or more. | 12 | 16 | 14 | 10 | 16 | 12 | 15 | 13 | 6 | 17 | 12 | 8 | 151 | |
| *Days with ·04 in. or more. | 12 | 13 | 12 | 10 | 13 | 11 | 12 | 8 | 5 | 14 | 9 | 4 | 123 | |

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40-9999

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) E Lasher

P.T.O.

D N

X STRETFORD U.D.C. X Borough Surveyor, Town Hall, Stretford.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2829

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1934.

*Kept at* Trafford Public Hall, Old Trafford.

*in the County of* Lancaster.

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft 1 in.

,, Ground ,, Sea Level 107 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·07 | – | – | – | – | – | – | ·05 | ·18 | ·03 | ·07 | ·67 | | 1 |
| 2 | ·01 | ·01 | ·12 | – | ·01 | – | – | ·46 | ·03 | – | ·20 | ·17 | | 2 |
| 3 | ·02 | ·01 | ·01 | – | ·02 | – | – | ·09 | ·01 | ·04 | ·01 | ·13 | | 3 |
| 4 | ·27 | – | ·17 | – | ·09 | – | – | – | ·04 | 1·05 | – | ·89 | | 4 |
| 5 | ·01 | – | ·08 | – | ·01 | – | – | ·50 | – | ·14 | – | ·02 | | 5 |
| 6 | ·11 | – | ·07 | – | ·36 | ·05 | – | ·04 | – | ·17 | – | ·28 | | 6 |
| 7 | ·19 | – | ·08 | ·04 | ·01 | ·12 | – | – | – | ·11 | ·14 | ·21 | | 7 |
| 8 | ·01 | – | ·02 | – | ·03 | ·35 | – | ·01 | – | ·08 | ·56 | ·01 | | 8 |
| 9 | – | ·02 | ·20 | ·04 | – | ·01 | – | ·11 | – | ·02 | ·34 | ·04 | | 9 |
| 10 | – | – | ·30 | ·03 | – | – | – | ·08 | – | ·27 | – | – | | 10 |
| 11 | ·05 | – | ·01 | ·20 | – | – | – | ·26 | – | – | ·05 | ·08 | | 11 |
| 12 | – | – | ·01 | ·08 | – | – | ·25 | ·04 | – | ·04 | – | ·03 | | 12 |
| 13 | ·06 | – | – | ·04 | ·03 | – | ·17 | – | – | ·06 | – | ·01 | | 13 |
| 14 | ·42 | – | ·06 | – | ·06 | ·01 | – | – | – | ·35 | ·01 | ·02 | | 14 |
| 15 | ·12 | – | ·40 | – | ·60 | – | ·01 | ·11 | ·14 | ·02 | – | ·20 | | 15 |
| 16 | ·35 | – | ·20 | – | ·12 | – | – | – | – | ·08 | – | ·02 | | 16 |
| 17 | ·14 | – | ·14 | ·01 | ·08 | – | ·17 | – | ·58 | ·03 | – | ·09 | | 17 |
| 18 | ·08 | – | ·09 | ·29 | ·28 | ·19 | – | ·03 | – | – | – | ·07 | | 18 |
| 19 | – | – | ·14 | ·01 | ·05 | ·41 | – | – | ·33 | ·09 | – | ·02 | | 19 |
| 20 | – | – | ·03 | ·06 | ·10 | ·03 | – | TR | ·12 | ·04 | – | – | | 20 |
| 21 | ·04 | – | ·03 | ·03 | ·03 | ·28 | – | – | ·42 | ·15 | – | – | | 21 |
| 22 | – | – | ·04 | – | – | ·05 | – | ·14 | ·12 | ·08 | – | ·08 | | 22 |
| 23 | – | – | ·13 | ·52 | ·02 | ·04 | ·26 | ·03 | ·01 | ·12 | ·03 | ·03 | | 23 |
| 24 | – | – | ·02 | ·21 | – | – | – | ·02 | ·09 | ·01 | – | – | | 24 |
| 25 | ·03 | – | – | ·10 | ·03 | – | ·30 | – | ·09 | ·20 | – | ·35 | | 25 |
| 26 | ·05 | – | ·01 | ·13 | – | | ·14 | – | – | ·09 | – | ·15 | | 26 |
| 27 | – | – | – | ·03 | ·01 | } ·62 | ·32 | TR | } ·32 | ·12 | ·02 | ·23 | | 27 |
| 28 | – | – | – | ·01 | – | | ·11 | ·12 | – | ·18 | – | ·47 | | 28 |
| 29 | – | – | – | – | – | – | ·07 | ·57 | ·33 | ·62 | – | ·09 | | 29 |
| 30 | ·08 | × | – | – | – | – | – | ·16 | ·10 | ·22 | – | ·07 | | 30 |
| 31 | – | × | – | × | – | × | ·35 | ·03 | × | ·09 | × | ·18 | | 31 |
| TOTAL | 2·11 | ·04 | 2·36 | 1·83 | 1·94 | 2·16 | 2·15 | 2·85 | 2·91 | 4·50 | 1·43 | 4·64 | Year's Total. 28·92 | |
| * Days with .01 in. or more. | 19 | 3 | 23 | 17 | 19 | 12 | 11 | 19 | 16 | 28 | 10 | 27 | 204 | |
| * Days with .04 in. or more. | 14 | – | 15 | 11 | 9 | 9 | 10 | 14 | 13 | 23 | 6 | 19 | 143 | |

40-9999

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(Signed) E. Parker

Borough Surveyor, Town Hall, Stretford

[P.T.O.

# COPY FOR OFFICIAL USE. /

Section **A** for the entry of Daily Observations.

Station No. 2829

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1935.

*Kept at* Trafford Public Hall, Old Trafford.
*in the County of* Lancaster
Diameter of Funnel of Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 1 in.
,, Ground ,, Sea Level 107 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | – | ·35 | ·01 | – | – | – | ·12 | – | – | ·10 | ·23 | ·46 | | 1 |
| 2 | ·45 | ·15 | – | ·04 | – | ·06 | ·03 | – | ·08 | ·25 | ·03 | ·40 | | 2 |
| 3 | ·20 | ·38 | ·06 | – | – | ·15 | – | – | ·02 | ·04 | TR. | ·12 | | 3 |
| 4 | ·11 | TR. | ·01 | ·06 | – | ·07 | ·28 | – | ·17 | ·02 | ·03 | ·15 | | 4 |
| 5 | – | – | ·08 | – | – | ·09 | TR | – | ·28 | ·21 | – | TR. | | 5 |
| 6 | – | ·28 | – | ·25 | – | ·04 | – | – | ·29 | ·01 | ·26 | ·25 | | 6 |
| 7 | – | – | – | ·03 | – | ·21 | – | – | – | – | – | TR. | | 7 |
| 8 | – | – | – | ·06 | – | ·31 | – | – | – | ·13 | ·36 | ·23 | | 8 |
| 9 | – | – | – | ·05 | – | ·09 | – | – | – | ·04 | ·09 | ·26 | | 9 |
| 10 | – | – | – | – | – | ·09 | – | – | – | 1·24 | ·01 | TR. | | 10 |
| 11 | ·36 | ·04 | – | ·10 | – | – | – | – | – | ·08 | ·14 | – | | 11 |
| 12 | – | ·07 | – | – | – | ·08 | – | TR | – | ·12 | ·05 | – | | 12 |
| 13 | ·18 | ·04 | – | – | – | ·38 | – | – | ·07 | – | – | – | | 13 |
| 14 | – | ·03 | – | ·05 | ·16 | ·11 | – | – | ·07 | ·01 | – | – | | 14 |
| 15 | – | – | – | ·05 | ·01 | ·03 | – | – | ·05 | – | 1·21 | ·23 | | 15 |
| 16 | ·01 | ·40 | – | ·31 | ·03 | – | ·07 | – | ·10 | ·01 | ·03 | ·33 | | 16 |
| 17 | – | ·18 | ·13 | ·15 | – | ·40 | ·10 | ·01 | ·42 | TR. | ·22 | – | | 17 |
| 18 | – | – | – | ·28 | ·28 | ·08 | ·28 | ·06 | ·35 | ·03 | ·50 | – | | 18 |
| 19 | – | – | – | ·23 | ·13 | ·05 | ·04 | – | ·34 | ·14 | – | – | | 19 |
| 20 | TR. | – | – | ·21 | ·11 | ·33 | ·18 | ·02 | TR. | ·04 | ·18 | – | | 20 |
| 21 | – | ·30 | – | ·43 | – | ·21 | ·03 | – | – | ·01 | TR. | – | | 21 |
| 22 | – | ·29 | ·03 | TR. | – | – | – | – | ·35 | ·11 | – | 1·05 | | 22 |
| 23 | – | ·11 | ·02 | – | – | – | – | – | ·09 | – | – | – | | 23 |
| 24 | ·04 | – | ·43 | ·01 | – | – | – | ·19 | 1·00 | ·39 | – | – | | 24 |
| 25 | ·29 | ·23 | ·04 | – | – | – | – | ·04 | ·05 | ·06 | – | ·13 | | 25 |
| 26 | – | – | ·08 | – | – | ·04 | – | – | – | – | ·03 | ·01 | | 26 |
| 27 | – | – | – | – | – | – | – | 1·07 | ·43 | ·11 | ·31 | ·25 | | 27 |
| 28 | – | – | – | – | – | ·05 | ·06 | – | ·44 | ·40 | ·34 | ·07 | | 28 |
| 29 | ·03 | × | – | – | ·01 | – | – | ·02 | ·10 | ·37 | ·04 | – | | 29 |
| 30 | – | × | ·02 | – | – | – | – | ·05 | ·33 | ·21 | ·08 | ·06 | | 30 |
| 31 | ·07 | × | – | × | – | × | – | ·10 | × | ·32 | × | ·08 | | 31 |
| | | | | | | | | | | | | | Year's Total | |
| TOTAL | 1·74 | 2·85 | ·91 | 2·31 | ·73 | 2·87 | 1·19 | 1·56 | 5·03 | 4·45 | 4·14 | 4·08 | 31·83 | |
| * Days with .01 in. or more. | 10 | 14 | 11 | 16 | 7 | 20 | 10 | 9 | 20 | 25 | 19 | 16 | 177 | |
| * Days with .04 in. or more. | 8 | 13 | 6 | 14 | 4 | 19 | 8 | 6 | 19 | 19 | 14 | 18 | 145 | |

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) E. Parker

P.T.O.

BOROUGH SURVEYOR, STRETFORD.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2829

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1936.

*Kept at* Trafford Public Hall, Old Trafford.

*in the County of* Lancaster

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 1 in.

,, Ground ,, Sea Level 107 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·21 | ·11 | ·10 | ·03 | - | - | - | ·40 | ·07 | - | ·17 | ·20 | | 1 |
| 2 | - | ·08 | ·02 | ·13 | - | ·37 | - | ·11 | - | - | ·05 | ·14 | | 2 |
| 3 | ·05 | - | TR | ·07 | - | ·10 | ·02 | ·13 | ·64 | - | - | ·01 | | 3 |
| 4 | ·10 | - | - | - | - | - | - | ·01 | ·79 | - | ·24 | ·13 | | 4 |
| 5 | ·13 | - | ·17 | - | - | - | - | ·36 | ·13 | - | ·01 | ·27 | | 5 |
| 6 | ·03 | ·37 | ·23 | - | - | ·02 | ·08 | ·34 | ·40 | - | ·03 | - | | 6 |
| 7 | ·01 | - | - | - | - | - | ·03 | - | ·60 | - | ·06 | ·36 | | 7 |
| 8 | - | - | ·01 | - | - | - | - | - | TR. | - | ·36 | ·09 | | 8 |
| 9 | ·13 | - | ·15 | - | - | - | ·03 | - | ·04 | - | ·24 | - | | 9 |
| 10 | ·20 | - | ·01 | - | - | - | ·19 | - | - | - | ·17 | - | | 10 |
| 11 | ·03 | - | - | - | - | ·17 | ·23 | ·05 | - | - | ·46 | ·01 | | 11 |
| 12 | - | - | - | ·03 | - | ·60 | ·26 | - | ·21 | ·07 | - | ·02 | | 12 |
| 13 | - | - | - | - | ·05 | ·01 | ·05 | - | - | ·09 | - | ·30 | | 13 |
| 14 | - | - | - | - | - | ·30 | ·04 | ·12 | ·42 | ·10 | ·29 | ·53 | | 14 |
| 15 | - | - | - | ·03 | - | ·07 | ·03 | ·04 | ·04 | - | ·36 | ·06 | | 15 |
| 16 | - | - | - | ·08 | ·12 | - | ·03 | - | - | ·01 | ·65 | ·01 | | 16 |
| 17 | - | ·08 | ·02 | ·04 | ·02 | - | ·08 | ·09 | - | ·29 | ·02 | ·05 | | 17 |
| 18 | ·02 | ·28 | - | ·01 | - | ·10 | ·22 | ·10 | + | ·41 | - | - | | 18 |
| 19 | - | ·04 | - | ·05 | - | ·11 | ·17 | ·31 | - | ·03 | - | - | | 19 |
| 20 | ·21 | ·13 | - | ·19 | - | - | ·02 | - | - | ·02 | - | - | | 20 |
| 21 | ·48 | ·05 | - | - | - | ·09 | - | ·01 | - | ·09 | - | - | | 21 |
| 22 | ·14 | - | TR. | ·02 | - | ·25 | ·22 | - | - | - | - | ·10 | | 22 |
| 23 | ·12 | ·21 | - | - | - | - | ·32 | - | - | ·06 | - | - | | 23 |
| 24 | - | ·01 | ·15 | ·07 | - | - | TR. | - | ·30 | ·33 | - | - | | 24 |
| 25 | ·06 | - | - | ·03 | ·06 | - | - | - | ·39 | ·10 | - | ·02 | | 25 |
| 26 | ·25 | - | - | ·05 | - | - | ·04 | - | ·11 | ·34 | - | - | | 26 |
| 27 | ·02 | ·19 | - | - | - | - | - | - | ·01 | ·26 | - | - | | 27 |
| 28 | ·87 | - | - | - | - | - | ·09 | - | - | ·01 | - | ·14 | | 28 |
| 29 | ·10 | ·12 | ·07 | - | - | ·64 | ·05 | - | - | ·10 | ·18 | ·15 | | 29 |
| 30 | ·05 | ✕ | ·37 | - | - | ·01 | ·29 | - | - | ·33 | ·05 | ·04 | | 30 |
| 31 | ·15 | ✕ | TR. | ✕ | ·51 | ✕ | ·05 | ·03 | ✕ | - | ✕ | ·19 | | 31 |
| | | | | | | | | | | | | | Year's Total | |
| TOTAL | 3·36 | 1·67 | 1·30 | ·83 | ·76 | 2·84 | 2·54 | 2·10 | 4·15 | 2·64 | 3·34 | 2·82 | 28·35 | ✓ |
| * Days with .01 in. or more. | 21 | 12 | 11 | 14 | 5 | 14 | 22 | 14 | 4 | 17 | 16 | 20 | 180 | ✓ |
| * Days with .04 in. or more. | 16 | 11 | 7 | 8 | 4 | 11 | 16 | 11 | 13 | 13 | 13 | 15 | 138 | ✓ |

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) E Parker [P.T.O.

BOROUGH SURVEYOR, STRETFORD.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 2629

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1937

*Kept at* TRAFFORD PUBLIC HALL, OLD TRAFFORD.

*in the County of* LANCASTER.

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 1 in.

,, Ground ,, Sea Level 107 ft.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | .03 | .24 | .03 | - | - | - | TR. | - | .16 | .01 | - | .26 | | 1 |
| 2 | .02 | .17 | .04 | .12 | - | - | .04 | - | TR. | - | - | - | | 2 |
| 3 | TR. | .06 | .04 | .03 | .19 | .37 | .07 | - | - | - | - | - | | 3 |
| 4 | .19 | .04 | .01 | .09 | .07 | - | TR. | .02 | - | - | - | .67 | | 4 |
| 5 | .87 | - | .02 | - | - | .03 | .02 | - | - | - | - | .13 | | 5 |
| 6 | .12 | - | - | .05 | .16 | - | - | 1.19 | - | - | - | .01 | | 6 |
| 7 | TR. | .24 | - | .30 | .05 | .03 | - | - | .03 | - | - | .05 | | 7 |
| 8 | - | .39 | - | .06 | - | .04 | .22 | - | - | - | .08 | .02 | | 8 |
| 9 | - | .19 | - | .02 | .21 | - | .47 | .04 | - | - | - | - | | 9 |
| 10 | TR. | .06 | TR. | - | - | .08 | .06 | .10 | - | - | - | .19 | | 10 |
| 11 | - | .02 | .06 | - | .13 | - | .01 | - | - | - | - | .06 | | 11 |
| 12 | .03 | .52 | .01 | - | .02 | .07 | .02 | TR. | - | - | - | .17 | | 12 |
| 13 | - | .17 | TR. | - | - | .14 | - | .30 | .23 | - | - | .21 | | 13 |
| 14 | - | .03 | - | - | - | - | - | .37 | .04 | - | .03 | .08 | | 14 |
| 15 | .21 | .19 | .05 | .33 | - | - | .69 | - | .05 | - | - | .03 | | 15 |
| 16 | .06 | .27 | .10 | .26 | - | - | - | .07 | .05 | - | - | - | | 16 |
| 17 | .03 | .06 | .29 | .09 | .06 | - | - | .01 | .01 | - | - | - | | 17 |
| 18 | .53 | .13 | .16 | .16 | - | - | - | .06 | .05 | - | .52 | - | | 18 |
| 19 | .10 | .07 | .11 | .16 | - | .01 | - | .01 | - | - | .28 | - | | 19 |
| 20 | .02 | .02 | - | .26 | .23 | .02 | .15 | - | - | - | - | .12 | | 20 |
| 21 | .01 | .11 | .02 | .17 | TR. | - | .22 | - | - | .07 | - | .04 | | 21 |
| 22 | .02 | .07 | .07 | TR. | .01 | - | .02 | - | - | .35 | .11 | .10 | | 22 |
| 23 | .12 | - | - | - | .34 | - | .07 | - | - | .30 | .11 | - | | 23 |
| 24 | .10 | .08 | .11 | - | .04 | - | .04 | - | .20 | .25 | - | .02 | | 24 |
| 25 | - | .39 | - | - | - | - | - | .03 | .02 | .03 | - | .06 | | 25 |
| 26 | - | .27 | .13 | - | .43 | - | - | .01 | .01 | - | - | .02 | | 26 |
| 27 | - | .55 | .04 | .19 | - | - | - | - | - | .32 | - | .03 | | 27 |
| 28 | - | .19 | - | - | - | - | - | - | - | .17 | - | - | | 28 |
| 29 | - | - | - | - | .02 | .03 | - | - | - | .01 | .16 | - | | 29 |
| 30 | .09 | X | - | - | - | .30 | - | .16 | - | .12 | .60 | - | | 30 |
| 31 | .27 | X | - | X | - | X | - | .03 | X | .09 | X | - | | 31 |
| TOTAL | 2.82 | 4.53 | 1.29 | 2.29 | 1.96 | 1.12 | 2.10 | 2.40 | .85 | 1.72 | 1.89 | 2.27 | Year's Total 25.24 | |
| * Days with .01 in. or more. | 18 | 25 | 17 | 15 | 14 | 11 | 14 | 14 | 11 | 11 | 8 | 19 | 177 | |
| * Days with .04 in. or more. | 11 | 22 | 12 | 13 | 11 | 6 | 10 | 8 | 7 | 8 | 7 | 13 | 128 | |

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) C. Parker [P.T.O.

BOROUGH SURVEYOR, STRETFORD.

## COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 2829

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1938

*Kept at* Trafford Public Hall, Old Trafford.
*in the County of* Lancaster
Diameter of Funnel of Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 1 in.
,, Ground ,, Sea Level 107 ft.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | - | .04 | - | .01 | - | .64 | - | .14 | - | .05 | - | .24 | | 1 |
| 2 | .03 | - | - | .19 | .02 | .18 | .01 | - | - | .47 | .06 | .18 | | 2 |
| 3 | TR. | - | - | .01 | - | .01 | .22 | - | .18 | .72 | .17 | TR | | 3 |
| 4 | .04 | - | - | .03 | - | .01 | .23 | .04 | - | .05 | .04 | .53 | | 4 |
| 5 | .05 | - | - | .01 | - | .02 | .08 | - | .17 | .30 | - | .04 | | 5 |
| 6 | .11 | - | - | - | - | .05 | .34 | - | .38 | .21 | - | .01 | | 6 |
| 7 | .25 | - | - | - | - | - | .55 | .08 | .18 | .08 | - | - | | 7 |
| 8 | .58 | - | - | - | - | - | .27 | .02 | - | .66 | - | - | | 8 |
| 9 | .03 | .29 | .16 | - | - | .34 | .23 | .04 | - | TR | - | .45 | | 9 |
| 10 | .02 | .03 | .02 | - | - | .03 | .71 | - | - | .14 | - | .06 | | 10 |
| 11 | .25 | .04 | - | - | .03 | .01 | .34 | .07 | .03 | .09 | .12 | .30 | | 11 |
| 12 | .07 | - | - | - | .12 | - | .02 | .44 | - | 1.18 | .37 | .04 | | 12 |
| 13 | .02 | - | - | - | - | - | .06 | - | .04 | .10 | .10 | .33 | | 13 |
| 14 | .25 | - | - | - | .08 | - | .15 | - | .09 | - | - | TR. | | 14 |
| 15 | .17 | - | - | - | .01 | - | .33 | .23 | - | .11 | - | .14 | | 15 |
| 16 | .31 | - | .02 | - | .29 | - | .22 | .03 | .01 | TR | .09 | .10 | | 16 |
| 17 | - | - | - | - | .23 | - | | .06 | .07 | .20 | .01 | .01 | | 17 |
| 18 | .04 | - | - | - | .12 | .09 | - | .06 | .09 | .34 | .21 | - | | 18 |
| 19 | - | - | - | - | - | - | - | .09 | .01 | - | - | - | | 19 |
| 20 | .16 | - | .01 | - | - | - | - | .03 | .02 | - | .39 | - | | 20 |
| 21 | - | - | .02 | - | - | .03 | - | .07 | - | - | .07 | .02 | | 21 |
| 22 | - | - | - | .03 | - | .26 | - | - | - | - | .24 | .02 | | 22 |
| 23 | TR. | - | - | - | .10 | .17 | .08 | - | .07 | - | .19 | - | | 23 |
| 24 | .19 | .06 | .19 | - | .04 | .07 | | .45 | .02 | - | .18 | - | | 24 |
| 25 | .04 | .28 | .04 | - | TR | .03 | .13 | .02 | - | .56 | .72 | .04 | | 25 |
| 26 | .16 | .15 | .28 | - | .03 | .11 | .06 | .04 | .05 | .26 | .33 | .16 | | 26 |
| 27 | .43 | .05 | TR. | - | .42 | .29 | .11 | .27 | .03 | - | .34 | - | | 27 |
| 28 | .07 | .02 | .04 | - | .05 | .60 | .16 | .18 | .05 | .07 | - | .16 | | 28 |
| 29 | .20 | × | .18 | - | 1.54 | .25 | - | - | - | .09 | .09 | .36 | | 29 |
| 30 | .26 | × | - | - | .13 | .01 | - | - | .35 | - | .11 | .05 | | 30 |
| 31 | .17 | × | .02 | × | .33 | × | - | - | × | .52 | × | .88 | | 31 |
| TOTAL | 3.90 | .96 | .98 | .28 | 3.54 | 3.20 | 4.50 | 2.36 | 1.84 | 6.20 | 3.83 | 4.12 | Year's Total<br>35.71 | |
| * Days with .01 in. or more. | 24 | 9 | 11 | 6 | 16 | 20 | 21 | 19 | 18 | 20 | 19 | 21 | 204 | |
| * Days with .04 in. or more. | 20 | 7 | 6 | 1 | 12 | 18 | 19 | 15 | 12 | 20 | 18 | 17 | 159 | |

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) E. Parker

P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 2825

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1939

*Kept at* Trafford Public Hall Old Trafford,

*in the County of* Lancaster

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 1 in.

,, Ground ,, Sea Level 107 ft.

aus ✓

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | ·14 | - | TR | ·24 | - | - | ·03 | ·05 | TR | - | - | ·10 | | 1 |
| 2 | ·10 | - | - | ·22 | - | - | ·23 | ·29 | ·52 | - | ·06 | ·02 | | 2 |
| 3 | ·05 | - | - | ·20 | - | - | - | ·05 | - | - | ·03 | ·53 | | 3 |
| 4 | ·19 | - | ·28 | ·18 | ·01 | - | ·32 | - | - | ·01 | ·13 | 1·15 | | 4 |
| 5 | - | - | - | ·01 | ·45 | - | ·51 | ·04 | - | ·08 | ·30 | ·01 | | 5 |
| 6 | 1·31 | ·06 | TR | - | ·05 | - | ·41 | - | - | - | ·02 | - | | 6 |
| 7 | ·10 | ·18 | ·02 | - | ·06 | - | ·11 | - | - | - | ·11 | ·60 | | 7 |
| 8 | ·30 | ·10 | ·13 | TR | - | - | ·92 | ·01 | - | ·14 | ·28 | ·24 | | 8 |
| 9 | ·06 | ·40 | - | - | - | - | TR | ·29 | - | ·35 | ·04 | ·45 | | 9 |
| 10 | ·07 | ·02 | ·03 | - | - | x | - | ·34 | ·20 | ·13 | - | ·06 | | 10 |
| 11 | ·29 | ·03 | ·13 | - | - | ·24<br>x | - | ·03 | - | ·04 | ·02 | - | | 11 |
| 12 | ·34 | ·10 | - | - | - | ·02 | - | - | - | - | - | - | | 12 |
| 13 | ·04 | - | TR | ·28 | ·10 | ·20 | ·06 | - | ·04 | ·02 | - | - | | 13 |
| 14 | ·50 | - | - | ·02 | ·56 | ·34 | ·10 | - | - | - | ·13 | - | | 14 |
| 15 | ·07 | ·01 | - | ·38 | ·02 | ·65 | ·12 | - | - | - | ·07 | - | | 15 |
| 16 | ·05 | TR | ·02 | - | ·20 | ·01 | ·14 | - | - | ·03 | ·14 | - | | 16 |
| 17 | ·61 | ·17 | - | - | ·03 | ✓ | ·03 | - | - | ·30 | ·07 | - | | 17 |
| 18 | ·15 | ·14 | ·03 | - | - | ·41<br>x | ·13 | - | - | TR | ·94 | - | | 18 |
| 19 | ·28 | - | ·01 | - | - | - | ·09 | - | - | - | - | - | | 19 |
| 20 | ·01 | - | ·02 | - | ·04 | ·24 | ·16 | ·20 | - | - | - | - | | 20 |
| 21 | ·08 | ·10 | ·39 | ·10 | ·07 | - | ·21 | ·03 | ·03 | - | - | - | | 21 |
| 22 | ·06 | ·21 | ·14 | ·16 | - | - | ·07 | - | - | - | ·67 | - | | 22 |
| 23 | - | ·44 | ·04 | ·35 | - | - | ·07 | - | - | ·27 | ·21 | - | | 23 |
| 24 | TR | ·07 | TR | ·02 | - | ·02 | ·06 | - | - | ·02 | ·02 | - | | 24 |
| 25 | ·06 | ·19 | - | TR | - | - | - | - | - | - | ·89 | - | | 25 |
| 26 | - | ·01 | TR | - | - | - | - | ·16 | - | ·01 | ·24 | ·02 | | 26 |
| 27 | ·03 | 1·42 | - | - | - | ·22 | ·06 | ·03 | - | - | ·09 | - | | 27 |
| 28 | - | ·19 | ·16 | ·03 | - | ·09 | ·56 | ·02 | - | - | ·68 | - | | 28 |
| 29 | - | | ·02 | TR | - | - | 1·31 | - | - | ·07 | ·10 | - | | 29 |
| 30 | - | ✕ | - | - | - | ·11 | ·20 | - | - | - | ·11 | ·02 | | 30 |
| 31 | - | ✕ | - | ✕ | - | ✕ | ·10 | - | ✕ | - | ✕ | - | | 31 |
| TOTAL | 4·95 | 3·84 | 1·42 | 2·19 | 1·59 | 2·55 | 6·00 | 1·54 | ·88 | 1·47 | 5·35 | 3·20 | Year's Total<br>34·98 | |
| * Days with .01 in. or more. | 23 | 18 | 14 | 13 | 11 | ~~12~~ 14 | 24 | 13 | 4 | 13 | 23 | 11 | ~~179~~ 181 | |
| * Days with .04 in. or more. | 21 | 14 | 7 | 9 | 8 | ~~9~~ 10 | 22 | 8 | 3 | 8 | 18 | 7 | ~~135~~ 127 | |

* See Instruction 3 (f) on other side.

2 FEB 1940

† Spare column, no entries required.

(*Signed*) E Banker
Borough Surveyor

P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 2829

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 19~~3~~40

827798/28

*Kept at* Trafford Public Hall : Old Trafford

*in the County of* Lancaster

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 1 in.

,, Ground ,, Sea Level 107 ft.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | – | Snow. ·06 | – | ·09 | – | – | – | – | – | – | ·27 | ·10 | | 1 |
| 2 | – | – | – | ·28 | – | – | ·05 | – | – | – | ·28 | ·21 | | 2 |
| 3 | ·07 | ·04 | – | ·16 | – | – | ·07 | – | ·02 | ·19 | ·05 | ·12 | | 3 |
| 4 | – | ·04 | – | – | – | – | ·01 | – | – | ·10 | ·24 | ·18 | | 4 |
| 5 | – | – | – | – | ·18 | – | ·24 | – | – | ·39 | ·01 | ·25 | | 5 |
| 6 | ·06 | ·30 | – | – | – | – | ·02 | – | – | ·54 | ·09 | ·03 | | 6 |
| 7 | ·01 | ·18 | – | ·21 | ·07 | – | ·09 | ·09 | ·15 | – | – | – | | 7 |
| 8 | – | – | – | ·02 | – | – | – | ·01 | – | ·20 | – | ·31 | | 8 |
| 9 | – | – | ·25 | – | – | – | ·88 | ·19 | ·22 | ·17 | 1·05 | ·19 | | 9 |
| 10 | – | – | ·03 | – | – | T.R. | ·43 | ·21 | ·01 | ·20 | ·28 | ·26 | | 10 |
| 11 | – | – | ·04 | ·07 | – | ·10 | ·02 | – | – | – | 1·25 | – | | 11 |
| 12 | – | Snow. ·01 | ·47 | – | – | – | ·12 | ·03 | ·25 | – | ·44 | – | | 12 |
| 13 | – | – | ·21 | – | – | – | – | ·04 | ·14 | – | – | ·01 | | 13 |
| 14 | – | Snow. ·05 | ·01 | ·14 | ·16 | – | ·09 | ·14 | ·06 | – | ·09 | ·36 | | 14 |
| 15 | – | – | ·01 | ·09 | ·05 | ·03 | – | – | ·07 | – | ·06 | ·04 | | 15 |
| 16 | – | Snow. ·14 | ·13 | ·15 | – | – | ·19 | – | 1·24 | ·49 | ·08 | ·09 | | 16 |
| 17 | – | – | ·89 | ·02 | ·07 | – | ·08 | – | ·05 | – | ·69 | ·01 | | 17 |
| 18 | Snow. ·02 | Snow + Rain ·20 | ·19 | ·19 | – | – | ·01 | ·37 | ·27 | – | – | ·16 | | 18 |
| 19 | – | ·25 | ·07 | ·02 | – | – | ·17 | – | ·25 | – | ·27 | T.R. | | 19 |
| 20 | – | – | – | ·17 | – | – | ·39 | ·22 | T.R. | ·19 | ·04 | – | | 20 |
| 21 | – | – | ·05 | – | – | ·41 | ·20 | – | – | ·03 | ·68 | – | | 21 |
| 22 | – | ·02 | ·02 | – | ·16 | ·07 | – | ·07 | ·49 | – | – | – | | 22 |
| 23 | – | ·16 | ·03 | ·09 | ·19 | – | ·02 | – | ·11 | – | ·14 | – | | 23 |
| 24 | Snow + Rain ·40 | – | ·02 | – | – | – | – | – | ·03 | – | – | – | | 24 |
| 25 | T.R. | – | – | – | T.R. | ·05 | T.R. | – | – | – | – | – | | 25 |
| 26 | Snow + Rain ·64 | ·06 | ·01 | – | ·01 | ·02 | ·09 | – | – | – | ·02 | – | | 26 |
| 27 | Snow. ·75 | ·27 | – | – | – | ·01 | ·60 | – | ·01 | – | ·10 | – | | 27 |
| 28 | Snow. ·73 | – | – | – | ·06 | – | – | ·03 | – | – | – | – | | 28 |
| 29 | – | – | ·25 | – | – | ·26 | ·06 | – | – | ·01 | – | ·53 | | 29 |
| 30 | – | ✕ | – | – | – | – | – | – | – | ·40 | – | ·24 | | 30 |
| 31 | Sleet. ·13 | ✕ | ·20 | ✕ | ·01 | ✕ | – | ·05 | ✕ | ·86 | ✕ | ·02 | | 31 |
| TOTAL | 2·81 | 1·78 | 2·88 | 1·70 | ·96 | ·95 | 3·83 | 1·45 | 3·37 | 3·77 | 6·13 | 3·11 | Year's Total 32·74 | |
| * Days with .01 in. or more. | 9 | 14 | 18 | 14 | 10 | 8 | 21 | 12 | 16 | 13 | 20 | 18 | 173 | |
| * Days with .04 in. or more. | 7 | 12 | 11 | 11 | 8 | 5 | 16 | 9 | 12 | 11 | 18 | 14 | 134 | |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

TOWN HALL, TALBOT RD.
STRETFORD

(*Signed*) E. Parker
Borough Surveyor

7/7/41

[P.T.O.

2830

Section **A** for the entry of Daily Observat

AIR MINISTRY.—METEOROL AINFALL ORGANIZATION.

COPY FOR OFFICIAL USE.

FORM 1090.

# REGISTER OF 1931 .

2830

MANCHESTER - URMSTON S.W.

1931-1940

780501

*Kept at* Manchester Corporation Davyhulme Sewage Works,

*in the County of* Lancaster

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 72·43 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | - | - | - | ·17 | - | - | - | - | ·03 | ·04 | - | - | 1 |
| 2 | - | ·10 | - | ·52 | ·05 | ·90 | - | - | ·44 | - | ·10 | ·05 | 2 |
| 3 | - | - | - | ·04 | - | ·05 | ·34 | - | ·70 | ·01 | 1·45 | ·64 | 3 |
| 4 | - | - | - | ·28 | - | - | ·15 | ·42 | ·31 | ·01 | - | ·27 | 4 |
| 5 | - | ·05 | - | ·02 | ·11 | 1·03 | ·45 | ·96 | ·04 | - | - | ·17 | 5 |
| 6 | - | ·36 | - | ·02 | - | ·20 | ·34 | ·02 | ·12 | ·57 | ·29 | - | 6 |
| 7 | - | ·04 | Tr. | - | - | ·42 | - | ·67 | - | ·08 | ·05 | ·04 | 7 |
| 8 | ·09 | ·06 | - | ·14 | ·02 | ·01 | ·18 | ·35 | - | Tr. | ·17 | - | 8 |
| 9 | ·03 | ·46 | - | ·22 | - | ·28 | - | ·44 | ·02 | ·01 | ·19 | ·04 | 9 |
| 10 | ·03 | ·05 | - | - | ·17 | ·25 | - | ·01 | ·02 | - | ·29 | ·05 | 10 |
| 11 | ·33 | ·29 | - | ·06 | - | - | ·05 | Tr. | ·42 | - | ·20 | - | 11 |
| 12 | ·04 | ·05 | - | - | - | Tr. | ·31 | ·02 | ·07 | ·14 | ·12 | - | 12 |
| 13 | ·10 | - | ·09 | - | ·02 | - | ·20 | ·28 | - | - | - | - | 13 |
| 14 | ·08 | ·15 | - | - | ·03 | ·91 | ·32 | ·75 | ·02 | - | ·58 | ·03 | 14 |
| 15 | ·23 | ·33 | - | ·17 | ·10 | - | ·05 | ·20 | Tr. | - | - | ·11 | 15 |
| 16 | ·32 | ·10 | - | ·25 | ·50 | ·27 | ·04 | 1·18 | ·28 | - | - | - | 16 |
| 17 | ·13 | Tr. | - | ·15 | ·21 | - | ·07 | ·30 | - | - | ·11 | - | 17 |
| 18 | ·36 | - | - | - | - | ·08 | ·38 | ·12 | - | - | ·72 | - | 18 |
| 19 | ·24 | ·19 | - | - | - | - | ·39 | 1·05 | - | - | - | - | 19 |
| 20 | ·02 | ·20 | ·10 | - | - | - | - | ·39 | - | - | ·04 | ·06 | 20 |
| 21 | ·42 | ·08 | - | - | ·16 | ·05 | - | ·15 | - | - | ·08 | - | 21 |
| 22 | ·06 | ·05 | - | ·04 | ·19 | ·10 | ·04 | - | - | - | ·11 | - | 22 |
| 23 | ·36 | - | - | ·04 | ·22 | ·16 | ·42 | - | - | - | ·25 | ·24 | 23 |
| 24 | ·06 | ·10 | - | ·08 | ·43 | - | ·07 | - | - | - | ·03 | ·08 | 24 |
| 25 | ·05 | ·53 | - | ·33 | ·10 | - | - | - | - | - | ·02 | ·05 | 25 |
| 26 | ·03 | ·04 | - | ·30 | - | - | - | - | - | - | ·61 | - | 26 |
| 27 | ·42 | ·12 | - | ·06 | ·21 | - | ·15 | - | - | - | ·84 | ·02 | 27 |
| 28 | ·39 | ·17 | - | - | ·34 | - | - | - | - | - | - | ·10 | 28 |
| 29 | ·12 | X | - | - | ·05 | - | - | - | Tr. | ·59 | ·03 | - | 29 |
| 30 | - | X | - | ·07 | - | - | - | - | ·18 | - | - | - | 30 |
| 31 | ·29 | X | - | X | - | X | ·16 | - | X | - | X | ·06 | 31 |
| TOTAL | 4·20 | 3·52 | ·19 | 2·96 | 2·91 | 4·71 | 4·11 | 7·31 | 2·65 | 1·45 | 6·28 | 2·01 | YEAR'S TOTAL<br>42·30 |
| *Days with ·01 in. or more. | 23 | 21 | 2 | 19 | 17 | 14 | 19 | 17 | 13 | 8 | 21 | 16 | 190 |
| *Days with ·04 in. or more. | 19 | 21 | 2 | 17 | 14 | 13 | 19 | 14 | 9 | 5 | 18 | 14 | 165 |

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*See Instruction 2 (*f*) on other side.

(Signed) William Porthouse [P.T.O.

X Manchester Corp Rivers Dept

2830

Section **A** for the entry of Daily Observat

COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1931.

*Kept at* Manchester Corporation Davyhulme Sewage Works,
*in the County of* Lancaster

Diameter of Funnel of Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 0 in.
,, Ground ,, Sea Level 72·43 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | – | – | – | ·17 | – | – | – | – | ·03 | ·04 | – | – | 1 |
| 2 | – | ·10 | – | ·52 | ·05 | ·90 | – | – | ·44 | – | ·10 | ·05 | 2 |
| 3 | – | – | – | ·04 | – | ·05 | ·34 | – | ·70 | ·01 | 1·45 | ·64 | 3 |
| 4 | – | – | – | ·28 | – | – | ·15 | ·42 | ·31 | ·01 | – | ·27 | 4 |
| 5 | – | ·05 | – | ·02 | ·11 | 1·03 | ·45 | ·96 | ·04 | – | – | ·17 | 5 |
| 6 | – | ·36 | – | ·02 | – | ·20 | ·34 | ·02 | ·12 | ·57 | ·29 | – | 6 |
| 7 | – | ·04 | Tr. | – | – | ·42 | – | ·67 | – | ·08 | ·05 | ·04 | 7 |
| 8 | ·09 | ·06 | – | ·14 | ·02 | ·01 | ·18 | ·35 | – | Tr. | ·17 | – | 8 |
| 9 | ·03 | ·46 | – | ·22 | – | ·28 | – | ·44 | ·02 | ·01 | ·19 | ·04 | 9 |
| 10 | ·03 | ·05 | – | – | ·17 | ·25 | – | ·01 | ·02 | – | ·29 | ·05 | 10 |
| 11 | ·33 | ·29 | – | ·06 | – | – | ·05 | Tr. | ·42 | – | ·20 | – | 11 |
| 12 | ·04 | ·05 | – | – | – | Tr. | ·31 | ·02 | ·07 | ·14 | ·12 | – | 12 |
| 13 | ·10 | – | ·09 | – | ·02 | – | ·20 | ·28 | – | – | – | – | 13 |
| 14 | ·08 | ·15 | – | – | ·03 | ·91 | ·32 | ·75 | ·02 | – | ·58 | ·03 | 14 |
| 15 | ·23 | ·33 | – | ·17 | ·10 | – | ·05 | ·20 | Tr. | – | – | ·11 | 15 |
| 16 | ·32 | ·10 | – | ·25 | ·50 | ·27 | ·04 | 1·18 | ·28 | – | – | – | 16 |
| 17 | ·13 | Tr. | – | ·15 | ·21 | – | ·07 | ·30 | – | – | ·11 | – | 17 |
| 18 | ·36 | – | – | – | – | ·08 | ·38 | ·12 | – | – | ·72 | – | 18 |
| 19 | ·24 | ·19 | – | – | – | – | ·39 | 1·05 | – | – | – | – | 19 |
| 20 | ·02 | ·20 | ·10 | – | – | – | – | ·39 | – | – | ·04 | ·06 | 20 |
| 21 | ·42 | ·08 | – | – | ·16 | ·05 | – | ·15 | – | – | ·08 | – | 21 |
| 22 | ·06 | ·05 | – | ·04 | ·19 | ·10 | ·04 | – | – | – | ·11 | – | 22 |
| 23 | ·36 | – | – | ·04 | ·22 | ·16 | ·42 | – | – | – | ·25 | ·24 | 23 |
| 24 | ·06 | ·10 | – | ·08 | ·43 | – | ·07 | – | – | – | ·03 | ·08 | 24 |
| 25 | ·05 | ·53 | – | ·33 | ·10 | – | – | – | – | – | ·02 | ·05 | 25 |
| 26 | ·03 | ·04 | – | ·30 | – | – | – | – | – | – | ·61 | – | 26 |
| 27 | ·42 | ·12 | – | ·06 | ·21 | – | ·15 | – | – | – | ·84 | ·02 | 27 |
| 28 | ·39 | ·17 | – | – | ·34 | – | – | – | – | – | – | ·10 | 28 |
| 29 | ·12 | X | – | – | ·05 | – | – | – | Tr. | ·59 | ·03 | – | 29 |
| 30 | – | X | – | ·07 | – | – | – | – | ·18 | – | – | – | 30 |
| 31 | ·29 | X | – | X | – | X | ·16 | – | X | – | X | ·06 | 31 |
| TOTAL | 4·20 | 3·52 | ·19 | 2·96 | 2·91 | 4·71 | 4·11 | 7·31 | 2·65 | 1·45 | 6·28 | 2·01 | YEAR'S TOTAL 42·30 |
| *Days with ·01 in. or more. | 23 | 21 | 2 | 19 | 17 | 14 | 19 | 17 | 13 | 8 | 21 | 16 | 190 |
| *Days with ·04 in. or more. | 19 | 21 | 2 | 17 | 14 | 13 | 19 | 14 | 9 | 5 | 18 | 14 | 165 |

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(Signed) William Porthouse

*See Instruction 2 (*f*) on other side.

[P.T.O.

X Manchester Corp Rivers Dept

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2830

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1932.

*Kept at* Manchester Corporation Davyhulme Sewage Works.

*in the County of* Lancaster

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

„ Ground „ Sea Level 72.43 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | .20 | .02 | - | .24 | .17 | - | .05 | .01 | .16 | .11 | .07 | .08 | 1 |
| 2 | .45 | - | - | - | .12 | - | .10 | .01 | .89 | .15 | .03 | .31 | 2 |
| 3 | - | - | - | .03 | - | - | .26 | - | .16 | - | .03 | .14 | 3 |
| 4 | .04 | - | - | - | - | - | .08 | Tr | - | .11 | .15 | .04 | 4 |
| 5 | .75 | - | .15 | .09 | - | - | .04 | .01 | .12 | - | - | .01 | 5 |
| 6 | .88 | - | .05 | .34 | - | - | .07 | - | .10 | - | - | Tr | 6 |
| 7 | - | - | .34 | .10 | - | - | - | - | .52 | .75 | - | - | 7 |
| 8 | - | - | - | .08 | - | - | - | - | .04 | .55 | - | - | 8 |
| 9 | .04 | - | - | .21 | .11 | - | - | - | .03 | - | .01 | .02 | 9 |
| 10 | .47 | Tr | - | - | - | - | - | - | .39 | .46 | .02 | - | 10 |
| 11 | .06 | .02 | - | - | .29 | .06 | .25 | - | - | - | - | - | 11 |
| 12 | .21 | - | - | - | .20 | - | .46 | .01 | .01 | .43 | - | - | 12 |
| 13 | - | .05 | - | .03 | .07 | - | .45 | .10 | .17 | .37 | - | .22 | 13 |
| 14 | .03 | - | - | .04 | - | - | .37 | .12 | .01 | .14 | .11 | .09 | 14 |
| + 15 | - | - | - | - | .77 | - | - | - | - | .11 | - | .02 | 15 |
| 16 | .24 | - | - | - | - | - | - | - | - | .03 | - | .04 | 16 |
| 17 | - | - | - | - | - | - | .03 | - | .05 | .34 | - | - | 17 |
| 18 | - | - | - | - | Tr | - | .02 | - | .05 | .05 | .05 | - | 18 |
| 19 | - | - | - | .17 | .07 | - | .02 | - | - | .24 | - | - | 19 |
| 20 | - | - | - | .28 | .46 | - | - | .37 | - | .14 | .11 | .03 | 20 |
| 21 | .03 | - | .30 | .04 | .23 | - | - | .29 | - | .40 | .08 | .01 | 21 |
| 22 | .02 | - | .10 | .14 | .17 | - | - | - | - | .38 | .74 | - | 22 |
| 23 | - | - | - | .15 | .52 | - | .06 | - | - | .10 | .35 | .04 | 23 |
| 24 | .05 | - | - | - | - | .02 | .45 | - | .21 | - | .36 | .01 | 24 |
| 25 | - | - | - | .05 | .03 | .03 | .02 | - | .18 | 1.65 | .20 | - | 25 |
| 26 | - | - | - | .10 | .36 | .02 | .10 | - | .13 | .51 | .16 | - | 26 |
| 27 | - | - | .27 | .16 | .22 | .11 | .23 | - | - | .01 | .13 | .03 | 27 |
| 28 | - | - | .11 | .12 | .13 | .04 | .25 | - | - | Tr. | - | Tr. | 28 |
| 29 | - | - | .34 | .50 | .03 | .05 | .04 | .46 | - | .80 | .15 | .19 | 29 |
| 30 | - | × | .11 | - | - | .24 | .06 | .09 | - | .22 | .13 | .06 | 30 |
| 31 | .08 | × | .09 | × | - | × | .20 | .03 | × | - | × | .05 | 31 |
| TOTAL | 3.55 | .09 | 1.86 | 2.87 | 3.95 | .57 | 3.61 | 1.50 | 3.22 | 8.05 | 2.88 | 1.39 | YEAR'S TOTAL 33.54 |
| *Days with ·01 in. or more. | 15 | 3 | 10 | 19 | 17 | 8 | 22 | 11 | 17 | 23 | 18 | 18 | 181 |
| *Days with .04 in. or more. | 12 | 1 | 10 | 17 | 15 | 5 | 18 | 6 | 14 | 21 | 14 | 11 | 144 |

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*See Instruction 2 (*f*) on other side.

3/2/33 (*Signed*) William Porthouse

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2830

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1933.

*Kept at* Manchester Corporation Davyhulme Sewage Works.

*in the County of* Lancaster.

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft - in.

,, Ground ,, Sea Level 72·43 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

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Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·04 | ·45 | ·01 | - | - | - | - | ·02 | ·01 | - | ·16 | - | | 1 |
| 2 | ·31 | - | ·12 | ·22 | ·05 | - | - | ·12 | - | - | - | - | | 2 |
| 3 | - | ·43 | ·13 | - | ·54 | - | - | - | - | - | ·01 | - | | 3 |
| 4 | ·22 | ·05 | ·16 | - | ·11 | - | - | ·01 | - | tr. | - | - | | 4 |
| 5 | ·17 | ·09 | ·03 | - | ·05 | - | - | - | - | - | ·04 | - | | 5 |
| 6 | - | ·12 | ·11 | - | ·12 | - | - | - | - | - | - | - | | 6 |
| 7 | ·07 | ·42 | ·02 | - | ·05 | - | ·45 | ·01 | - | ·86 | - | - | | 7 |
| 8 | ·15 | ·04 | ·15 | ·03 | ·06 | ·04 | ·09 | - | - | - | - | - | | 8 |
| 9 | - | ·26 | - | ·10 | ·03 | - | ·48 | - | - | ·42 | ·14 | tr. | | 9 |
| 10 | ·10 | ·25 | - | - | - | ·08 | ·09 | - | - | 1·18 | ·09 | - | | 10 |
| 11 | - | - | - | - | - | - | ·66 | - | - | ·15 | - | ·04 | | 11 |
| 12 | - | - | - | - | - | ·12 | ·29 | - | - | ·24 | - | ·06 | | 12 |
| 13 | - | - | - | - | ·12 | - | ·07 | ·03 | - | - | ·15 | - | | 13 |
| 14 | ·15 | - | - | - | - | - | ·11 | ·12 | - | - | ·30 | - | | 14 |
| 15 | ·32 | - | - | - | - | - | ·01 | ·09 | - | ·46 | ·19 | - | | 15 |
| 16 | ·16 | - | ·12 | ·03 | ·03 | ·11 | - | ·01 | - | ·17 | - | - | | 16 |
| 17 | ·03 | - | 1·03 | - | - | ·62 | - | ·05 | ·02 | ·01 | - | - | | 17 |
| 18 | ·05 | - | ·21 | - | tr. | ·82 | - | - | ·25 | - | - | - | | 18 |
| 19 | - | - | ·23 | - | - | ·15 | - | - | - | - | ·05 | - | | 19 |
| 20 | - | ·21 | ·03 | - | ·04 | - | - | ·46 | - | - | - | - | | 20 |
| 21 | - | - | - | - | - | - | - | ·10 | - | - | - | - | | 21 |
| 22 | - | - | - | - | ·09 | ·37 | - | ·20 | - | ·09 | - | ·02 | | 22 |
| 23 | - | - | - | ·16 | - | ·09 | - | - | ·12 | ·10 | - | - | | 23 |
| 24 | - | ·10 | - | ·08 | ·11 | ·12 | - | tr. | ·36 | - | - | - | | 24 |
| 25 | - | ·46 | - | ·13 | - | - | - | - | ·13 | - | - | ·08 | | 25 |
| 26 | - | ·29 | - | ·24 | - | - | - | - | - | ·32 | - | ·01 | | 26 |
| 27 | - | ·01 | - | - | - | - | - | - | ·04 | - | - | - | | 27 |
| 28 | - | tr. | - | ·03 | - | - | ·08 | - | - | ·01 | - | - | | 28 |
| 29 | - | X | - | - | - | - | ·13 | - | - | ·05 | - | - | | 29 |
| 30 | - | X | - | ·11 | - | - | ·04 | - | - | ·16 | - | ·15 | | 30 |
| 31 | ·12 | X | ·12 | X | - | X | ·02 | ·04 | X | ·39 | X | - | | 31 |
| TOTAL | 1.89 | 3·18 | 2·47 | 1,13 | 1·40 | 2·52 | 2·52 | 1·26 | ·93 | 4·61 | 1·13 | ·36 | Year's Total<br>23·40 | |
| *Days with ·01 in. or more. | 13 | 14 | 14 | 10 | 13 | 10 | 13 | 13 | 7 | 15 | 9 | 6 | 137 | |
| *Days with ·04 in. or more. | 12 | 13 | 10 | 7 | 11 | 10 | 11 | 8 | 5 | 13 | 8 | 4 | 112 | |

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*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) William Porthouse

[P.T.O.

## COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2830

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1934.

*Kept at* Manchester Corporation Rivers Dept. Davyhulme Sewage Works.

*in the County of* Lancaster

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 72·43 ft.

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Jan. 1, following

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·12 | - | tr. | - | - | - | - | ·03 | ·11 | - | ·08 | ·45 | | 1 |
| 2 | - | ·01 | ·13 | - | - | - | - | ·50 | ·29 | tr. | ·18 | ·38 | | 2 |
| 3 | ·05 | ·01 | - | - | - | - | - | ·22 | - | ·11 | ·02 | ·04 | | 3 |
| 4 | ·25 | - | ·13 | ·02 | ·08 | - | - | ·01 | - | 1·02 | - | 1·04 | | 4 |
| 5 | - | - | ·06 | - | ·03 | - | - | ·50 | - | ·10 | - | ·05 | | 5 |
| 6 | - | - | ·05 | - | ·42 | ·02 | - | ·08 | ·04 | ·21 | ·04 | ·29 | | 6 |
| 7 | ·35 | - | ·15 | ·04 | ·03 | ·04 | - | ·01 | - | ·07 | ·15 | ·22 | | 7 |
| 8 | - | - | ·02 | - | ·02 | ·38 | - | ·02 | ·01 | ·10 | ·66 | ·02 | | 8 |
| 9 | - | ·04 | ·28 | - | - | - | - | ·09 | - | - | ·35 | - | | 9 |
| 10 | - | - | ·30 | ·09 | - | - | - | ·10 | - | ·23 | ·04 | ·05 | | 10 |
| 11 | ·05 | - | ·04 | ·25 | - | - | - | ·19 | - | - | - | ·07 | | 11 |
| 12 | - | - | - | ·05 | - | - | ·01 | ·06 | - | ·04 | - | ·04 | | 12 |
| 13 | ·36 | - | - | ·08 | ·04 | - | ·03 | - | - | ·05 | - | - | | 13 |
| 14 | ·24 | - | ·10 | - | ·05 | - | - | - | - | ·29 | - | ·05 | | 14 |
| 15 | ·13 | - | ·37 | - | ·56 | - | - | - | ·18 | ·05 | - | ·22 | | 15 |
| 16 | ·33 | - | ·11 | - | ·14 | - | - | ·11 | - | ·12 | - | ·14 | | 16 |
| 17 | ·17 | ·03 | ·22 | - | ·14 | - | ·32 | ·01 | ·28 | ·05 | - | ·15 | | 17 |
| 18 | ·12 | - | ·10 | ·30 | ·35 | ·19 | - | ·02 | - | - | - | ·13 | | 18 |
| 19 | - | - | ·15 | - | ·04 | ·35 | - | - | ·23 | ·13 | - | ·04 | | 19 |
| 20 | - | - | - | ·07 | ·14 | ·02 | - | - | ·15 | ·02 | - | - | | 20 |
| 21 | ·04 | - | ·04 | ·01 | - | ·34 | - | ·04 | ·24 | ·10 | - | - | | 21 |
| 22 | ·02 | - | ·04 | - | - | - | - | ·27 | ·29 | ·12 | - | - | | 22 |
| 23 | - | - | ·10 | ·65 | ·01 | ·02 | ·40 | ·05 | ·01 | ·13 | - | ·09 | | 23 |
| 24 | - | ·24 | ·03 | ·20 | ·02 | ·05 | - | - | ·07 | ·03 | - | - | | 24 |
| 25 | ·01 | ·12 | - | ·05 | - | - | ·22 | - | ·11 | ·16 | - | ·44 | | 25 |
| 26 | ·08 | - | - | ·09 | - | - | ·03 | - | ·19 | ·04 | - | ·06 | | 26 |
| 27 | - | - | - | - | - | ·15 | ·23 | - | ·01 | ·13 | ·03 | ·35 | | 27 |
| 28 | - | - | - | - | - | ·10 | ·03 | ·43 | ·16 | ·14 | - | ·51 | | 28 |
| 29 | - | X | - | - | - | - | ·07 | ·22 | ·28 | ·95 | - | ·10 | | 29 |
| 30 | ·10 | X | - | - | - | - | ·05 | ·10 | ·18 | ·18 | - | ·05 | | 30 |
| 31 | ·02 | X | - | X | - | X | ·22 | - | X | ·21 | X | ·14 | | 31 |
| TOTAL | 2·44 | ·45 | 2·42 | 1·90 | 2·07 | 1·66 | 1·61 | 3·06 | 2·83 | 4·78 | 1·55 | 5·12 | Year's Total<br>29·89 | |
| * Days with .01 in. or more. | 17 | 6 | 19 | 13 | 15 | 11 | 11 | 21 | 18 | 26 | 9 | 25 | 191 | |
| * Days with .04 in. or more. | 14 | 3 | 17 | 11 | 10 | 8 | 7 | 15 | 15 | 24 | 7 | 24 | 155 | |

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† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(Signed) William Porthouse

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Section **A** for the entry of Daily Observations. Station No. 2830

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1935.

*Kept at* Manchester Corporation Rivers Dept., Davyhulme Sewage Works,
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Height of top of Gauge above Ground 1 ft. 0 in.
,, Ground ,, Sea Level 72.43 ft.

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Jan. 1, following

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·08 | ·26 | - | ·08 | - | ·06 | ·10 | - | ·18 | ·26 | ·22 | ·45 | | 1 |
| 2 | .14 | ·06 | ·10 | - | - | ·38 | - | - | ·02 | ·06 | ·06 | ·22 | | 2 |
| 3 | ·04 | ·46 | ·05 | - | - | ·05 | ·16 | - | ·16 | ·10 | ·04 | ·20 | | 3 |
| 4 | - | ·02 | ·06 | ·03 | - | ·08 | - | - | ·32 | ·20 | ·10 | ·18 | | 4 |
| 5 | - | ·28 | ·08 | ·21 | - | ·34 | - | - | ·36 | ·04 | ·38 | ·32 | | 5 |
| 6 | - | - | - | .04 | - | ·21 | - | - | - | - | - | - | | 6 |
| 7 | - | ·04 | - | ·05 | - | ·27 | - | - | - | .14 | ·24 | .26 | | 7 |
| 8 | - | - | - | ·10 | - | ·17 | - | - | - | .04 | ·12 | .50 | | 8 |
| 9 | - | - | - | .17 | - | ·05 | - | - | - | 1·36 | .10 | - | | 9 |
| 10 | - | ·06 | - | ·15 | - | - | - | - | - | ·10 | ·24 | - | | 10 |
| 11 | ·35 | .07 | - | - | - | .10 | - | - | - | ·12 | ·05 | - | | 11 |
| 12 | - | .06 | - | - | - | ·51 | - | - | .04 | - | ·10 | - | | 12 |
| 13 | ·20 | .05 | - | .11 | ·25 | .25 | - | - | ·10 | .02 | .03 | ·08 | | 13 |
| 14 | - | - | - | - | ·05 | ·14 | - | - | ·10 | - | ·95 | ·25 | | 14 |
| 15 | - | .38 | - | ·29 | ·03 | ·05 | ·08 | - | .08 | - | - | ·40 | | 15 |
| 16 | - | ·16 | .10 | ·18 | - | ·14 | ·11 | tr. | ·62 | - | ·27 | ·15 | | 16 |
| 17 | - | - | - | ·30 | ·32 | ·12 | ·23 | ·08 | ·28 | ·04 | ·49 | - | | 17 |
| 18 | - | - | - | ·17 | ·25 | ·20 | ·07 | ·06 | ·41 | ·20 | - | - | | 18 |
| 19 | - | - | - | ·35 | ·12 | ·35 | ·09 | - | - | ·10 | ·22 | - | | 19 |
| 20 | - | ·55 | - | ·30 | - | - | - | - | - | - | ·01 | ·03 | | 20 |
| 21 | - | ·27 | ·04 | - | - | - | - | - | ·98 | ·13 | ·01 | ·32 | | 21 |
| 22 | - | - | ·02 | - | - | - | - | - | ·05 | - | - | - | | 22 |
| 23 | ·04 | ·15 | ·50 | - | - | - | - | ·22 | ·12 | ·52 | - | - | | 23 |
| 24 | ·36 | ·25 | ·06 | - | - | - | - | - | ·96 | ·02 | - | ·12 | | 24 |
| 25 | ·22 | - | ·05 | - | - | ·20 | - | - | ·02 | ·08 | ·01 | ·01 | | 25 |
| 26 | - | - | - | - | - | - | - | ·70 | ·48 | ·14 | ·24 | ·23 | | 26 |
| 27 | - | - | - | - | - | ·08 | ·07 | - | ·38 | ·48 | ·36 | ·04 | | 27 |
| 28 | ·03 | ·08 | - | - | ·02 | - | ·15 | ·02 | ·10 | - | ·10 | - | | 28 |
| 29 | - | ✕ | ·04 | - | - | - | - | ·13 | ·48 | ·32 | ·18 | ·09 | | 29 |
| 30 | ·05 | ✕ | - | - | - | ·18 | - | ·05 | ·08 | ·25 | ·58 | ·06 | | 30 |
| 31 | - | ✕ | - | ✕ | - | ✕ | - | - | ✕ | ·33 | ✕ | ·25 | | 31 |
| TOTAL | 1·51 | 3·20 | 1·10 | 2·53 | 1·04 | 3·93 | 1·06 | 1·26 | 6·32 | 5·05 | 5·10 | 4·16 | Year's Total 36·26 | |
| * Days with .01 in. or more. | 10 | 17 | 11 | 15 | 7 | 21 | 9 | 7 | 22 | 23 | 24 | 20 | 186 | |
| * Days with .04 in. or more. | 9 | 16 | 10 | 14 | 5 | 21 | 9 | 6 | 20 | 21 | 20 | 18 | 169 | |

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) William Porthouse

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 2830

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1936.

*Kept at* Manchester Corporation Rivers Dept., Davyhulme Sewage Works

*in the County of* Lancaster

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. – in.

,, Ground ,, Sea Level 72·43 ft.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |  | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † |  |
| 1 | - | ·04 | ·04 | ·20 | - | - | - | ·32 | .07 | - | .16 | ·24 |  | 1 |
| 2 | - | - | - | - | - | ·51 | - | ·09 | ·02 | - | ·05 | ·13 |  | 2 |
| 3 | - | - | - | - | - | ·10 | ·02 | .13 | 1·27 | - | - | ·01 |  | 3 |
| 4 | .16 | ·30 | ·20 | - | - | - | ·02 | .01 | .82 | - | ·20 | ·16 |  | 4 |
| 5 | ·08 | - | ·24 | - | - | - | trace | ·42 | ·06 | - | ·01 | ·34 |  | 5 |
| 6 | - | - | ·10 | - | - | - | - | .15 | ·49 | - | ·02 | - |  | 6 |
| 7 | - | - | ·08 | - | - | - | - | - | ·65 | - | ·08 | ·30 |  | 7 |
| 8 | ·17 | - | ·25 | - | - | - | - | - | ·01 | - | ·42 | ·08 |  | 8 |
| 9 | ·27 | - | - | - | - | - | ·14 | - | ·11 | - | ·26 | - |  | 9 |
| 10 | ·04 | - | - | - | - | - | ·12 | - | - | - | ·17 | - |  | 10 |
| 11 | - | - | - | - | - | - | ·24 | .05 | .02 | - | ·29 | - |  | 11 |
| 12 | - | - | - | ·04 | ·05 | ·78 | ·26 | - | ·32 | .07 | ·04 | - |  | 12 |
| 13 | - | - | - | - | - | ·01 | ·03 | - | - | ·12 | ·02 | ·32 |  | 13 |
| 14 | - | - | - | ·03 | - | ·32 | ·04 | .04 | ·48 | .04 | ·27 | ·37 |  | 14 |
| 15 | ·15 | - | - | ·11 | ·21 | ·04 | - | ·12 | ·10 | - | ·44 | .03 |  | 15 |
| 16 | - | ·08 | ·02 | ·15 | ·02 | - | - | - | - | - | ·71 | - |  | 16 |
| 17 | - | ·30 | - | ·02 | - | - | ·12 | ·05 | - | ·35 | - | - |  | 17 |
| 18 | - | - | - | ·04 | - | .11 | ·25 | ·08 | - | ·42 | - | - |  | 18 |
| 19 | ·35 | .12 | - | .26 | - | ·25 | ·08 | ·32 | - | ·10 | - | - |  | 19 |
| 20 | ·48 | ·04 | - | - | - | - | - | - | - | ·03 | - | - |  | 20 |
| 21 | ·14 | - | .02 | ·04 | - | ·15 | - | - | - | - | - | ·04 |  | 21 |
| 22 | - | ·27 | - | ·06 | - | ·48 | .28 | - | - | - | - | ·10 |  | 22 |
| 23 | ·08 | - | .04 | ·10 | ·04 | - | ·32 | - | - | ·05 | - | - |  | 23 |
| 24 | ·07 | - | ·14 | ·04 | ·08 | - | ·01 | - | ·24 | ·33 | - | ·01 |  | 24 |
| 25 | ·22 | - | ·01 | ·03 | - | - | ·03 | - | ·35 | ·15 | - | ·02 |  | 25 |
| 26 | ·05 | ·16 | ·02 | - | - | - | ·02 | - | ·11 | ·42 | - | ·02 |  | 26 |
| 27 | ·84 | - | - | - | - | - | - | - | ·14 | ·46 | - | - |  | 27 |
| 28 | ·15 | ·12 | ·09 | - | - | - | ·15 | - | - | ·02 | .02 | ·10 |  | 28 |
| 29 | ·05 | ·13 | ·41 | - | - | ·55 | ·01 | - | - | ·04 | ·15 | ·15 |  | 29 |
| 30 | ·20 | ✕ | - | - | ·24 | - | ·30 | - | - | ·35 | ·15 | ·04 |  | 30 |
| 31 | - | ✕ | - | ✕ | ·05 | ✕ | ·05 | ·02 | ✕ | - | ✕ | .19 |  | 31 |
| TOTAL | 3·50 | 1·56 | 1·66 | 1·12 | ·69 | 3·30 | 2·49 | 1·80 | 5·26 | 2·95 | 3·46 | 2·65 | Year's Total 30·44 | ✓ |
| * Days with .01 in. or more. | 17 | 10 | 14 | 13 | 7 | 11 | 20 | 13 | 17 | 15 | 18 | 19 | 174 | ✓ |
| * Days with .04 in. or more. | 17 | 10 | 10 | 10 | 6 | 10 | 13 | 11 | 14 | 13 | 14 | 14 | 142 | ✓ |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) William Porthouse [P.T.O.

COPY FOR OFFICIAL USE

**Section** **A** for the entry of Daily Observations

Station No. 2830

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1937

*Kept at* Manchester Corporation Davyhulme Sewage Works.
*in the County of* Lancaster
Diameter of Funnel of Gauge 8 in.
Height of top of Gauge above Ground 1 ft. - in.
,, Ground ,, Sea Level 72.43 ft.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following ✓

**Please read the Notes and Instructions Overleaf**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | .02 | .21 | - | - | - | - | - | - | .16 | - | - | .15 | | 1 |
| 2 | .02 | .18 | .10 | .18 | - | - | .02 | - | - | - | - | - | | 2 |
| 3 | - | .03 | .08 | .06 | .12 | - | .08 | - | - | - | - | - | | 3 |
| 4 | .22 | .07 | .05 | .09 | .16 | .28 | - | .02 | - | - | - | .52 | | 4 |
| 5 | .96 | - | .02 | .02 | - | .02 | - | - | - | - | - | .22 | | 5 |
| 6 | .12 | - | .04 | .03 | .22 | - | - | .23 | - | - | - | .05 | | 6 |
| 7 | - | .32 | - | .29 | - | .08 | - | - | .04 | - | - | - | | 7 |
| 8 | - | .52 | - | .04 | .02 | .05 | .29 | - | - | - | .12 | .01 | | 8 |
| 9 | .02 | .17 | - | .02 | .34 | .06 | .24 | .13 | - | - | - | - | | 9 |
| 10 | - | .16 | .04 | - | - | .07 | .03 | .10 | - | - | - | .17 | | 10 |
| 11 | - | .05 | - | - | .35 | - | .02 | - | - | - | - | .05 | | 11 |
| 12 | - | .38 | .04 | - | .02 | .10 | - | .01 | .28 | - | - | .10 | | 12 |
| 13 | - | .10 | .02 | - | - | .06 | - | .77 | - | - | - | .05 | | 13 |
| 14 | .01 | .08 | - | - | - | .04 | - | .68 | .02 | - | .05 | .10 | | 14 |
| 15 | .22 | .20 | - | .28 | - | - | .61 | - | .05 | - | - | .05 | | 15 |
| 16 | .02 | .35 | .13 | .30 | - | - | - | .10 | .04 | - | .01 | - | | 16 |
| 17 | .03 | .04 | .10 | .10 | - | - | .02 | - | - | - | .45 | .03 | | 17 |
| 18 | .46 | .13 | .11 | .32 | - | - | .03 | .11 | .02 | - | .30 | - | | 18 |
| 19 | .16 | .11 | .04 | .18 | .08 | .03 | .02 | - | - | - | .26 | - | | 19 |
| 20 | .04 | .05 | .01 | .30 | .20 | .07 | .10 | .02 | .03 | - | - | .12 | | 20 |
| 21 | - | .16 | .03 | .20 | - | .01 | .20 | - | - | .14 | - | .02 | | 21 |
| 22 | .02 | .04 | .07 | - | - | - | .02 | - | - | .22 | .28 | .12 | | 22 |
| 23 | .12 | .08 | - | - | .35 | - | .06 | - | - | .18 | .17 | - | | 23 |
| 24 | .24 | .12 | .15 | - | .10 | - | .05 | - | .18 | .22 | - | - | | 24 |
| 25 | - | .40 | - | - | .10 | - | - | .02 | - | .02 | - | .09 | | 25 |
| 26 | - | .24 | .18 | - | .42 | - | - | - | - | .08 | - | - | | 26 |
| 27 | - | .31 | .10 | .15 | - | - | - | - | - | .40 | - | - | | 27 |
| 28 | - | .42 | - | - | - | - | - | - | - | .16 | - | - | | 28 |
| 29 | .03 | ✗ | - | - | - | .10 | - | - | - | .02 | .15 | - | | 29 |
| 30 | .09 | ✗ | - | - | - | .20 | - | .02 | - | .06 | .54 | - | | 30 |
| 31 | .25 | ✗ | - | ✗ | - | ✗ | - | .04 | ✗ | .14 | ✗ | - | | 31 |
| TOTAL | 3.05 | 4.92 | 1.31 | 2.56 | 2.48 | 1.17 | 1.79 | 2.25 | .82 | 1.64 | 2.33 | 1.85 | Year's Total 26.17 | ✓ ✓ |
| * Days with .01 in. or more. | 19 | 26 | 18 | 16 | 13 | 14 | 15 | 13 | 9 | 11 | 10 | 16 | 180 | ✓ ✓ |
| * Days with .04 in. or more. | 11 | 25 | 14 | 13 | 11 | 11 | 8 | 8 | 6 | 9 | 9 | 13 | 138 | ✓ ✓ |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) William Porthouse [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations Station No. 2830

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1938

*Kept at* Manchester Corporation Davyhulme Sewage Works

*in the County of* Lancaster

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. - in.

,, Ground ,, Sea Level 72.43 ft.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | - | - | - | .22 | - | .82 | .31 | .04 | - | .04 | .01 | .10 | | 1 |
| 2 | .02 | - | - | .32 | - | .24 | .02 | - | - | .45 | .07 | .31 | | 2 |
| 3 | - | - | - | - | - | - | .17 | - | .19 | . 75 | .15 | - | | 3 |
| 4 | .05 | .02 | - | .03 | - | .03 | .04 | .10 | - | .10 | .01 | .62 | | 4 |
| 5 | .04 | .04 | - | - | - | .06 | .05 | .17 | .13 | .32 | - | - | | 5 |
| 6 | .12 | - | - | - | - | .03 | .42 | - | .52 | .38 | - | .01 | | 6 |
| 7 | .20 | - | - | - | - | - | .38 | .06 | .14 | .10 | - | .24 | | 7 |
| 8 | .48 | .03 | - | - | - | - | .40 | .03 | - | .62 | - | .10 | | 8 |
| 9 | .04 | .41 | .20 | - | - | .43 | .05 | .02 | - | - | - | .32 | | 9 |
| 10 | .02 | .05 | .04 | - | - | - | .78 | - | - | .11 | - | .18 | | 10 |
| 11 | .22 | - | - | - | - | - | .09 | .09 | .01 | .13 | .05 | .05 | | 11 |
| 12 | .04 | - | - | - | .11 | - | - | .04 | .02 | 1.02 | .30 | - | | 12 |
| 13 | .02 | .02 | - | - | .01 | - | .05 | - | .04 | .12 | .08 | .28 | | 13 |
| 14 | .24 | - | - | - | .05 | - | .07 | - | .09 | - | - | - | | 14 |
| 15 | .25 | - | - | - | .01 | .05 | .41 | .19 | - | .10 | - | .13 | | 15 |
| 16 | .23 | - | .02 | - | .18 | - | .05 | .06 | .03 | - | .08 | .05 | | 16 |
| 17 | - | - | - | - | .92 | - | .03 | .06 | .05 | .20 | - | - | | 17 |
| 18 | .03 | - | - | - | - | .09 | - | .08 | .75 | .36 | .16 | - | | 18 |
| 19 | - | - | - | - | - | - | - | .11 | .01 | - | - | - | | 19 |
| 20 | .17 | - | - | - | - | - | - | .02 | - | - | .36 | - | | 20 |
| 21 | - | - | .01 | - | - | .03 | - | .10 | - | - | .05 | - | | 21 |
| 22 | - | - | - | - | - | .38 | - | - | - | - | .24 | - | | 22 |
| 23 | - | - | - | - | .05 | .09 | - | - | .14 | - | .26 | - | | 23 |
| 24 | .18 | .06 | .20 | - | .03 | .08 | .02 | .42 | .01 | .03 | .08 | - | | 24 |
| 25 | .04 | .20 | - | - | .04 | .04 | .12 | - | - | .52 | .64 | .05 | | 25 |
| 26 | .15 | .25 | .28 | - | .03 | .27 | - | - | .02 | .29 | .40 | .14 | | 26 |
| 27 | .35 | .05 | - | - | .40 | .12 | .08 | .19 | .09 | - | .26 | - | | 27 |
| 28 | .12 | .02 | .03 | - | - | .52 | .13 | .20 | .30 | .05 | - | .18 | | 28 |
| 29 | .30 | X | .12 | - | 1.36 | .32 | .15 | - | - | .07 | .05 | .44 | | 29 |
| 30 | .20 | ✕ | - | - | .20 | - | - | - | .40 | - | .10 | .04 | | 30 |
| 31 | .23 | ✕ | - | ✕ | .32 | ✕ | - | - | ✕ | .53 | ✕ | .75 | | 31 |
| TOTAL | 3.74 | 1.15 | .90 | .57 | 3.71 | 3.60 | 3.82 | 1.98 | 2.94 | 6.29 | 3.35 | 3.99 | Year's Total<br>36.04 | |
| * Days with .01 in. or more. | 24 | 11 | 8 | 3 | 14 | 17 | 21 | 18 | 18 | 21 | 19 | 18 | 192 | |
| * Days with .04 in. or more. | 20 | 7 | 5 | 2 | 10 | 14 | 18 | 15 | 12 | 20 | 17 | 17 | 157 | |

† Spare column, no entries required.

(*Signed*) [P.T.O.

* See Instruction 3 (f) on other side.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 2830

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1939

*Kept at* Manchester Corporation
Davyhulme Sewage Works
*in the County of* Lancaster

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. in.

,, Ground ,, Sea Level 72.43 ft.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | .16 | - | - | .28 | - | - | - | .03 | - | - | - | .11 | | 1 |
| 2 | .10 | - | - | .20 | - | - | .15 | .20 | .51 | - | .06 | .05 | | 2 |
| 3 | .02 | - | - | .21 | - | - | - | .14 | - | - | .01 | .58 | | 3 |
| 4 | .12 | - | .28 | .15 | .05 | - | .17 | .02 | - | - | .08 | 1.10 | | 4 |
| 5 | - | - | - | - | .18 | - | .30 | .08 | - | .02 | .22 | - | | 5 |
| 6 | 1.26 | .05 | - | - | .07 | - | .30 | - | - | .04 | .04 | - | | 6 |
| 7 | .05 | .14 | .02 | - | - | - | .10 | - | - | - | .02 | .65 | | 7 |
| 8 | .38 | .12 | .35 | - | - | - | .78 | .08 | - | .20 | .20 | .15 | | 8 |
| 9 | .05 | .30 | - | - | - | - | - | .36 | - | .27 | - | .40 | | 9 |
| 10 | .18 | .01 | .02 | - | - | .03 | - | .18 | .25 | .07 | - | .05 | | 10 |
| 11 | .38 | - | .18 | - | - | .41 | - | .11 | - | .03 | .05 | - | | 11 |
| 12 | .40 | .17 | - | - | - | - | - | - | - | - | - | - | | 12 |
| 13 | - | - | - | .37 | .11 | - | .10 | - | .10 | .08 | - | - | | 13 |
| 14 | .38 | - | - | - | .16 | .22 | .75 | - | - | - | .22 | - | | 14 |
| 15 | .12 | .01 | - | .48 | - | .73 | .04 | - | - | .01 | .12 | - | | 15 |
| 16 | .04 | - | - | - | .30 | .15 | .10 | - | - | .07 | .10 | - | | 16 |
| 17 | .66 | .19 | - | - | .05 | .07 | - | - | - | .39 | .05 | - | | 17 |
| 18 | .15 | .13 | .05 | - | - | .20 | .18 | - | - | - | 1.12 | - | | 18 |
| 19 | .22 | - | - | - | - | .10 | .12 | - | - | - | - | - | | 19 |
| 20 | - | - | .03 | - | .04 | .04 | .07 | .39 | - | - | - | - | | 20 |
| 21 | .10 | .07 | .48 | .09 | - | .05 | 1.70 | .03 | - | - | - | - | | 21 |
| 22 | - | .15 | .20 | .11 | - | - | .08 | - | - | .01 | .62 | - | | 22 |
| 23 | .05 | .45 | .07 | .31 | - | - | .04 | - | .05 | .25 | .17 | - | | 23 |
| 24 | - | .07 | - | - | - | - | .03 | - | - | - | - | - | | 24 |
| 25 | .04 | .15 | - | - | - | - | - | - | - | - | .73 | - | | 25 |
| 26 | - | - | - | - | - | - | - | - | - | .08 | .28 | - | | 26 |
| 27 | - | 1.48 | .03 | - | .02 | .24 | .05 | .14 | - | .02 | .18 | .08 | | 27 |
| 28 | .01 | .08 | .04 | - | - | .03 | .43 | - | - | - | .54 | - | | 28 |
| 29 | - | X | - | - | - | - | 1.22 | - | - | .07 | .07 | - | | 29 |
| 30 | - | X | - | - | - | .05 | .16 | - | - | - | .08 | - | | 30 |
| 31 | - | X | - | X | - | X | .13 | - | X | - | X | - | | 31 |
| TOTAL | 4.87 | 3.57 | 1.75 | 2.20 | .98 | 2.32 | 7.00 | 1.76 | .91 | 1.61 | 4.96 | 3.17 | Year's Total 35.10 | |
| * Days with .01 in. or more. | 21 | 16 | 12 | 9 | 9 | 13 | 22 | 12 | 4 | 15 | 21 | 9 | 163 | |
| * Days with .04 in. or more. | 19 | 14 | 8 | 9 | 8 | 11 | 21 | 9 | 4 | 10 | 19 | 9 | 141 | |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) William Potthoase

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 2830 ✓

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN ~~193~~ 1940.

*Kept at* Manchester Corporation Davyhulme Sewage Works
*in the County of* Lancaster
Diameter of Funnel of Gauge 8 in.
Height of top of Gauge above Ground 1 ft. - in.
,, Ground ,, Sea Level 72.43 ft.

Snow

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | - | 01 | - | .14 | - | - | - | - | .01 | - | .25 | .07 | | 1 |
| 2 | - | 03 | - | .23 | - | - | .06 | - | - | .02 | .19 | .21 | | 2 |
| 3 | - | 17 ~~.15~~ | - | .14 | - | - | .08 | - | .03 | .16 | .04 | .06 | | 3 |
| 4 | - | .05 | - | - | - | - | .03 | - | - | .13 | - | .27 | | 4 |
| 5 | - | - | - | - | .12 | - | .48 | - | - | .39 | .33 | .28 | | 5 |
| 6 | .07 | .37 | - | .05 | .05 | - | .02 | - | - | .56 | .08 | .02 | | 6 |
| 7 | - | .20 | - | .08 | .06 | - | .05 | .10 | - | .02 | - | - | | 7 |
| 8 | - | - | - | .08 | - | - | - | .01 | - | .16 | .01 | .28 | | 8 |
| 9 | - | - | .23 | - | - | - | 1.10 | .13 | .37 | .37 | 1.10 | .16 | | 9 |
| 10 | - | - | .06 | - | - | - | .39 | .23 | - | .22 | .31 | .33 | | 10 |
| 11 | - | - | .10 | - | - | .04 | - | - | - | - | 1.17 | - | | 11 |
| 12 | - | - | .35 | - | - | .03 | .03 | .02 | .26 | - | .39 | - | | 12 |
| 13 | - | - | .16 | - | - | - | - | .03 | .31 | - | .01 | .04 | | 13 |
| 14 | - | - | .10 | .22 | .14 | - | .13 | - | .16 | - | .11 | .26 | | 14 |
| 15 | - | - | - | .08 | .24 | .02 | - | .13 | .08 | - | .07 | .01 | | 15 |
| 16 | - | - | 08<br>- | .10 | - | - | .14 | - | 1.24 | .44 | .11 | .10 | | 16 |
| 17 | - | - | 67<br>~~.08~~ | - | - | - | .05 | - | .07 | .01 | .68 | .02 | | 17 |
| 18 | - | .24 | 19<br>~~.67~~ | .30 | - | - | - | .38 | .21 | - | .07 | .17 | | 18 |
| 19 | - | .25 | 17<br>~~.16~~ | - | - | - | .19 | - | .34 | - | .19 | - | | 19 |
| 20 | - | - | -<br>~~.17~~ | .18 | - | - | .35 | .32 | .01 | .23 | .02 | - | | 20 |
| 21 | - | - | .05 | - | - | .43 | .23 | - | - | .03 | .74 | - | | 21 |
| 22 | - | - | .04 | - | .21 | .01 | - | .04 | .44 | - | - | - | | 22 |
| 23 | - | - | .04 | - | .09 | - | .03 | - | .09 | - | .10 | - | | 23 |
| 24 | snow<br>20 ~~[illegible]~~ | - | .02 | - | - | - | - | - | .01 | - | .01 | - | | 24 |
| 25 | ~~6~~ — | - | - | - | - | .03 | .08 | - | - | - | - | - | | 25 |
| 26 | 65 | .04 | - | - | - | .03 | .11 | - | - | - | .04 | - | | 26 |
| 27 | snow<br>80. ~~[illegible]~~ | .16 | - | - | .01 | - | .35 | .03 | .06 | - | .06 | - | | 27 |
| 28 | snow<br>75 ~~2.30~~ | .22 | - | .12 | .02 | - | - | - | .02 | - | - | .01 | | 28 |
| 29 | 02 | - | .22 | - | - | .30 | .04 | - | - | - | - | .45 | | 29 |
| 30 | 02 | × | - | - | - | - | - | - | - | .43 | .01 | .19 | | 30 |
| 31 | 20 | × | .23 | × | .03 | × | - | - | × | .57 | × | .04 | | 31 |
| TOTAL | 2.~~82~~ 71 | 1.~~98~~ 74 | 2.71 | 1.72 | .97 | .89 | 3.94 | 1.42 | 3.71 | 3.74 | 6.09 | 2.97 | Year'sTotal<br>32.6 | |
| * Days with .01 in. or more. | 4 | 9 | 16 | 12 | 10 | 8 | 20 | 11 | 17 | 15 | 24 | 19 | 165 | |
| * Days with .04 in. or more. | 4 | 9 | 15 | 12 | 7 | 3 | 16 | 7 | 12 | 11 | 19 | 15 | 130 | |

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) ............................................ [P.T.O.
General Manager

X MANCHESTER (BA

2830/5

Section **A** for the entry of Dai

AIR MINISTRY.—

GANIZATION.

FORM 1091.

# REGISTE

Kept at X MANCHESTER

in the County of LANC

Diameter of Funnel of Gauge

Height of top of Gauge above Ground

,, Ground ,, Sea Level

**THE MORNING MEASURE**

*An observer who does not conform to this*
*year in the space on the right of this pa*

Ple

[illegible] /3
[illegible]ly overexposed

*ng*

Jan. 1, following
(Tr)

—

2830/5

MANCHESTER, BARTON AERO

1933 — 40

78R501

| Date | Jan. | Feb. | March | Ap |  |  |  |  |  |  | ov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. |  |
| 1 |  |  |  |  |  |  |  | Tr | 0.3 | - | 4.2 | - | 1 |
| 2 |  |  |  |  |  |  |  | 3.1 | - | - | - | - | 2 |
| 3 |  |  |  |  |  |  |  | - | - | - | 0.2 | - | 3 |
| 4 |  |  |  |  |  |  |  | - | - | 0.1 | - | - | 4 |
| 5 |  |  |  |  |  |  |  | - | - | - | 1.2 | - | 5 |
| 6 |  |  |  |  |  |  |  | - | - | - | Tr | Tr | 6 |
| 7 |  |  |  |  |  |  |  | 0.4 | - | 21.1 | Tr | 0.5 | 7 |
| 8 |  |  |  |  |  |  |  | Tr | - | Tr | Tr | 0.2 | 8 |
| 9 |  |  |  |  |  |  |  | 0.1 | - | 15.0 | 2.8 | 0.1 | 9 |
| 10 |  |  |  |  |  |  |  | - | - | 26.2 | 1.8 | - | 10 |
| 11 |  |  |  |  |  |  |  | 0.3 | - | 8.0 | 0.1 | 1.0 | 11 |
| 12 |  |  |  |  |  |  |  | - | - | 7.0 | 0.2 | 2.0 | 12 |
| 13 |  |  |  |  |  |  |  | 0.2 | Tr | 3.4 | 3.3 | - | 13 |
| 14 |  |  |  |  |  |  |  | 1.1 | - | 1.0 | 7.1 | - | 14 |
| 15 |  |  |  |  |  |  |  | 2.5 | - | 9.3 | 5.0 | Tr | 15 |
| 16 |  |  |  |  |  |  |  | Tr | - | 5.4 | Tr | Tr | 16 |
| 17 |  |  |  |  |  |  |  | 3.2 | 1.4 | 0.3 | Tr | Tr | 17 |
| 18 |  |  |  |  |  |  |  | Tr | Tr | - | Tr | - | 18 |
| 19 |  |  |  |  |  |  |  | Tr | 4.9 | - | 1.0 | 0.3 | 19 |
| 20 |  |  |  |  |  |  |  | 7.1 | 0.1 | - | Tr | Tr. | 20 |
| 21 |  |  |  |  |  |  |  | 9.8 | 0.2 | Tr | Tr | Tr. | 21 |
| 22 |  |  |  |  |  |  |  | 1.3 | - | 2.3 | Tr | - | 22 |
| 23 |  |  |  |  |  |  |  | Tr | 2.8 | 2.0 | Tr | - | 23 |
| 24 |  |  |  |  |  |  |  | - | 7.5 | 0.1 | Tr | Tr. | 24 |
| 25 |  |  |  |  |  |  |  | Tr | 7.7 | Tr | Tr | 2.1 | 25 |
| 26 |  |  |  |  |  |  |  | - | Tr | 8.8 | Tr | Tr. | 26 |
| 27 |  |  |  |  |  |  |  | - | 0.4 | 0.6 | Tr | Tr. | 27 |
| 28 |  |  |  |  |  |  |  | 0.2 | - | 1.0 | - | Tr. | 28 |
| 29 |  |  |  |  |  |  |  | Tr | Tr | 0.3 | - | 1.3 | 29 |
| 30 |  | × |  |  |  |  |  | - | 0.1 | 4.3 | Tr | 3.7 | 30 |
| 31 |  | × |  | × |  | × |  | 1.2 | × | 9.3 | × | Tr. | 31 |
| TOTAL |  |  |  |  |  |  |  | 1.20<br>~~30.5~~ | 1.00<br>~~25.4~~ | 4.94<br>~~125.5~~ | 1.06<br>~~26.9~~ | .44<br>~~11.2~~ | YEAR'S TOTAL<br>[illegible] |
| Days with 0·2 mm. or more. |  |  |  |  |  |  |  | 12 | 8 | 18 | 10 | 8 | [illegible] |
| Days with 1·0 mm. or more. |  |  |  |  |  |  |  | 8 | 5 | 15 | 8 | 5 | [illegible] |

Tabulated by L.T.G.L & T.H.A.

Checked by T.H.A. & L.H.S.

(144w)

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Q N

(Signed) X MET. OFFICERX

P.T.O.

~~MANCHESTER (BA~~ 2830/5

**Section** **A** for the entry of Daily Observations.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1091.

# REGISTER OF RAINFALL IN 1933.

*Kept at* MANCHESTER (BARTON) (+A)

*in the County of* LANCAS~~HIRE~~TER

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 70 ft.

Convert

of 2831 [illegible] 3

& probably overexposed.

Comp 1933

Mob Station.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following: (Tr)

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | |
| 1 | | | | | | | | Tr | 0.3 | - | 4.2 | - | 1 |
| 2 | | | | | | | | 3.1 | - | - | - | - | 2 |
| 3 | | | | | | | | - | - | - | 0.2 | - | 3 |
| 4 | | | | | | | | - | - | 0.1 | - | - | 4 |
| 5 | | | | | | | | - | - | - | 1.2 | - | 5 |
| 6 | | | | | | | | - | - | - | Tr | Tr | 6 |
| 7 | | | | | | | | 0.4 | - | 21.1 | Tr | 0.5 | 7 |
| 8 | | | | | | | | Tr | - | Tr | Tr | 0.2 | 8 |
| 9 | | | | | | | | 0.1 | - | 15.0 | 2.8 | 0.1 | 9 |
| 10 | | | | | | | | - | - | 26.2 | 1.8 | - | 10 |
| 11 | | | | | | | | 0.3 | - | 8.0 | 0.1 | 1.0 | 11 |
| 12 | | | | | | | | - | - | 7.0 | 0.2 | 2.0 | 12 |
| 13 | | | | | | | | 0.2 | Tr | 3.4 | 3.3 | - | 13 |
| 14 | | | | | | | | 1.1 | - | 1.0 | 7.1 | - | 14 |
| 15 | | | | | | | | 2.5 | - | 9.3 | 5.0 | Tr | 15 |
| 16 | | | | | | | | Tr | - | 5.4 | Tr | Tr | 16 |
| 17 | | | | | | | | 3.2 | 1.4 | 0.3 | Tr | Tr | 17 |
| 18 | | | | | | | | Tr | Tr | - | Tr | - | 18 |
| 19 | | | | | | | | Tr | 4.9 | - | 1.0 | 0.3 | 19 |
| 20 | | | | | | | | 7.1 | 0.1 | - | Tr | 4.1<br>Tr. | 20 |
| 21 | | | | | | | | 9.8 | 0.2 | Tr | Tr | Tr. | 21 |
| 22 | | | | | | | | 1.3 | - | 2.3 | Tr | - | 22 |
| 23 | | | | | | | | Tr | 2.8 | 2.0 | Tr | - | 23 |
| 24 | | | | | | | | - | 7.5 | 0.1 | Tr | Tr. | 24 |
| 25 | | | | | | | | Tr | 7.7 | Tr | Tr | 2.1 | 25 |
| 26 | | | | | | | | - | Tr | 8.8 | Tr | Tr. | 26 |
| 27 | | | | | | | | - | 0.4 | 0.6 | Tr | Tr. | 27 |
| 28 | | | | | | | | 0.2 | - | 1.0 | - | Tr. | 28 |
| 29 | | | | | | | | Tr | Tr | 0.3 | - | 1.3 | 29 |
| 30 | | X | | | | | | - | 0.1 | 4.3 | Tr | 3.7 | 30 |
| 31 | | X | | X | | X | | 1.2 | X | 9.3 | X | Tr. | 31 |
| TOTAL | | | | | | | | 1.20<br>~~30.5~~ | 1.00<br>~~25.4~~ | 4.94<br>~~125.5~~ | 1.06<br>~~26.9~~ | .44<br>~~11.2~~ | YEAR'S TOTAL<br>~~[illegible]~~ |
| Days with 0·2 mm. or more. | | | | | | | | 12 | 8 | 18 | 10 | 8 | ~~[illegible]~~ |
| Days with 1·0 mm. or more. | | | | | | | | 8 | 5 | 15 | 8 | 5 | ~~[illegible]~~ |

Tabulated by L.T.G.L & T.H.A.

Checked by T.H.A. & L.H.S.

(144W)

40-9999

(Signed) MET. OFFICER

P.T.O.

M.O. File 243009/33

**COPY FOR OFFICIAL USE.**

**Section** A **for the entry of Daily Observations.** **Station No.** 2830/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

VIII/S. Lancs/3

~~240~~/5

c ink 1933

FORM 1090.

# REGISTER OF RAINFALL IN 1934.

*Kept at* Manchester, Barton Aero.

*in the County of* Lancs

Diameter of Funnel of Gauge..........in.

Height of top of Gauge above Ground..........ft..........in.

,, Ground ,, Sea Level..........ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | | | | | | | | | | | | | | 1 |
| 2 | | | | | | | | ·54 | | | | | | 2 |
| 3 | | | | | | | | | | | | | | 3 |
| 4 | | | | | | | | | | ·98 | | 1·02 | | 4 |
| 5 | | | | | | | | | | | | | | 5 |
| 6 | | | | | | | | | | | | | | 6 |
| 7 | ·35 | | | | | | | | | | | | | 7 |
| 8 | | | | | | | | | | | ·66 | | | 8 |
| 9 | | | | | | | | | | | | | | 9 |
| 10 | | | ·45 | | | | | | | | | | | 10 |
| 11 | | | | | | | | | | | | | | 11 |
| 12 | | | | | | | | | | | | | | 12 |
| 13 | | | | | | | | | | | | | | 13 |
| 14 | | | | | | | | | | | | | | 14 |
| 15 | | | | | ·70 | | | | | | | | | 15 |
| 16 | | | | | | | | | | | | | | 16 |
| 17 | | | | | | | | | | | | | | 17 |
| 18 | | | | | | | | | | | | | | 18 |
| 19 | | | | | | | | | | | | | | 19 |
| 20 | | | | | | | | | | | | | | 20 |
| 21 | | | | | | | | | | | | | | 21 |
| 22 | | | | | | | | | ·46 | | | | | 22 |
| 23 | | | | ·58 | | | | | | | | | | 23 |
| 24 | | ·24 | | | | | | | | | | | | 24 |
| 25 | | | | | | | | | | | | | | 25 |
| 26 | | | | | | | | | | | | | | 26 |
| 27 | | | | | | | | | | | | | | 27 |
| 28 | | | | | | ·55 | | | | | | | | 28 |
| 29 | | | | | | | | | | | | | | 29 |
| 30 | | × | | | | | | | | | | | | 30 |
| 31 | | × | | × | | × | 44 | | × | | × | | | 31 |
| TOTAL | 2·35 | 0·39 | 2·28 | 2·00 | 2·31 | 2·03 | 1·90 | 3·02 | 2·68 ~~2·54~~ | 4·60 | 1·61 | 4·74 | Year's Total<br>29·91 | |
| *Days with ·01 in. or more. | 18 | 6 | 19 | 17 | 17 | 11 | 11 | 22 | 16 ~~19~~ | 27 | 11 | 25 | 200 | |
| *Days with .04 in. or more. | 13 | 2 | 17 | 12 | 13 | 9. | 10 | 16 | 14 ~~2~~ | 26. | 8. | 21. | 160 | |

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*See Instruction 2 (*f*) on other side.

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† Spare column, no entries required.

(*Signed*)..........

[P.T.O.

2830/5

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. ~~240~~/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1935.

*Kept at* Manchester, Barton Aero

*in the County of* Lancs.

Diameter of Funnel of Gauge ........ in.

Height of top of Gauge above Ground ........ ft ........ in.

,, Ground ,, Sea Level ........ ft.

Duration

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | 0.53 | | | | | | | | | | | | | 1 |
| 2 | | | | | | | | | | | | | | 2 |
| 3 | | 47 | | | | | | | | | | | | 3 |
| 4 | | | | | | | | | | | | | | 4 |
| 5 | | | | | | | | | | | | | | 5 |
| 6 | | | | | | | | | | | | | | 6 |
| 7 | | | | | | | | | | | | | | 7 |
| 8 | | | | | | | | | | | | | | 8 |
| 9 | | | | | | | | | | 1·43 | | | | 9 |
| 10 | | | | | | | | | | | | | | 10 |
| 11 | | | | | | | | | | | | | | 11 |
| 12 | | | | | | ·67 | | | | | | | | 12 |
| 13 | | | | | | | | | | | | | | 13 |
| 14 | | | | | | | | | | | ·87 | | | 14 |
| 15 | | | | | | | | | | | | ·49 | | 15 |
| 16 | | | | | | | | | | | | | | 16 |
| 17 | | | | | ·39 | | | | | | | | | 17 |
| 18 | | | | | | | ·26 | | | | | | | 18 |
| 19 | | | | | | | | | | | | | | 19 |
| 20 | | | | | | | | | | | | | | 20 |
| 21 | | | | | | | | | | | | | | 21 |
| 22 | | | | | | | | | | | | | | 22 |
| 23 | | | ·52 | | | | | | | | | | | 23 |
| 24 | | | | | | | | | 1·14 | | | | | 24 |
| 25 | | | | | | | | | | | | | | 25 |
| 26 | | | | | | | | ·71 | | | | | | 26 |
| 27 | | | | | | | | | | | | | | 27 |
| 28 | | | | | | | | | | | | | | 28 |
| 29 | | | | | | | | | | | | | | 29 |
| 30 | | × | | | | | | | | | | | | 30 |
| 31 | | × | | × | | × | | | × | | × | | | 31 |
| TOTAL | 1·92 | 3.17 | 1·12 | 2.68 | 1.00 | 3.79 | 0.95 | 1·35 | 6.28 | 4·92 | 4·83 | 3·46 | Year's Total<br>35·47 | |
| *Days with ·01 in. or more. | 12 | 17 | 11 | 18 | 6 | 22 | 9 | 8 | 21 | 24 | 22 | 20 | 190 | |
| *Days with ·04 in. or more. | 7 | 14 | 7 | 15 | 5 | 19 | 7 | 5 | 18 | 18 | 18 | 16 | 149 | |

40-9999

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) ........

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. ~~240/5~~ 2835

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1936. D

*Kept at* Manchester (Barton Sew)

*in the County of* Lancs

Diameter of Funnel of Gauge ........ in.

Height of top of Gauge above Ground ........ ft ........ in.

,, Ground ,, Sea Level 70 ft.

mm.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | | | | | | | | | | | | | | 1 |
| 2 | | | | | | | | | | | | | | 2 |
| 3 | | | | | | | | | 1·12 | | | | | 3 |
| 4 | | | | | | | | | | | | | | 4 |
| 5 | | | | | | | | | | | | | | 5 |
| 6 | | | | | | | | | | | | | | 6 |
| 7 | | | | | | | | | | | | | | 7 |
| 8 | | | | | | | | | | | | | | 8 |
| 9 | | | | | | | ·65 | | | | | | | 9 |
| 10 | | | | | | | | | | | | | | 10 |
| 11 | | | | | | | | | | | | | | 11 |
| 12 | | | | | | ·69 | | | | | | | | 12 |
| 13 | | | | | | | | | | | | | | 13 |
| 14 | | | | | | | | | | | | ·60 | | 14 |
| 15 | | | | | | | | | | | | | | 15 |
| 16 | | | | | | | | | | | ·62 | | | 16 |
| 17 | | ·32 | | | | | | | | | | | | 17 |
| 18 | | | | | | | | | | | | | | 18 |
| 19 | | | | ·22 | | | | ·35 | | | | | | 19 |
| 20 | | | | | | | | | | | | | | 20 |
| 21 | | | | | | | | | | | | | | 21 |
| 22 | | | | | | | | | | | | | | 22 |
| 23 | | | | | | | | | | | | | | 23 |
| 24 | | | | | | | | | | | | | | 24 |
| 25 | | | | | | | | | | | | | | 25 |
| 26 | | | | | | | | | | ·40 | | | | 26 |
| 27 | | | | | | | | | | | | | | 27 |
| 28 | ·67 | | | | | | | | | | | | | 28 |
| 29 | | | ·46 | | | | | | | | | | | 29 |
| 30 | | × | | | ·26 | | | | | | | | | 30 |
| 31 | | × | | × | | × | | | × | | × | | | 31 |
| TOTAL | 3·97 | 1·66 | 1·44 | 1·03 | 0·61 | 3·67 | 3·23 | 1·90 | 5·05 | 2·79 | 3·55 | 2·91 | Year's Total: 31·81 | ✓ |
| * Days with .01 in. or more. | 23 | 15 | 14 | 14 | 7 | 15 | 24 | 14 | 16 | 17 | 19 | 23 | 201 | ✓ |
| * Days with .04 in. or more. | 20 | 12 | 8 | 7 | 4 | 12 | 16 | 9 | 14 | 13 | 14 | 14 | 143 | ✓ |
| 40-9999 | 100·8 | 42·2 | 36·6 | 26·1 | 15·4 | 93·1 | 82·0 | 48·2 | 128·2 | 70·8 | 90·2 | 74·0 | 807·6 | |

† Spare column, no entries required.

(Signed) ........

* See Instruction 2 (f) on other side.

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.  Station No. 2830/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION. 210/5

FORM 1091.

# REGISTER OF RAINFALL IN 1937.

*Kept at* Manchester (Barton Airport)
*in the County of* Lancs.
Diameter of Funnel of Gauge 8 in.
Height of top of Gauge above Ground 1 ft. – in.
,, Ground ,, Sea Level 70 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf.

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | | |
| 1 | | | | | | | | | ·31 | | | | | 1 |
| 2 | | | | | | | | | | | | | | 2 |
| 3 | | | | | | ·31 | | | | | | | | 3 |
| 4 | | | | | | | | | | | | ·62 | | 4 |
| 5 | ·90 | | | | | | | | | | | | | 5 |
| 6 | | | | | | | | | | | | | | 6 |
| 7 | | | | ·33 | | | | | | | | | | 7 |
| 8 | | ·58 | | | | | | | | | | | | 8 |
| 9 | | | | | | | ·59 | | | | | | | 9 |
| 10 | | | | | | | | | | | | | | 10 |
| 11 | | | | | | | | | | | | | | 11 |
| 12 | | | | | | | | | | | | | | 12 |
| 13 | | | | | | | | | | | | | | 13 |
| 14 | | | | | | | | ·79 | | | | | | 14 |
| 15 | | | | | | | | | | | | | | 15 |
| 16 | | | | | | | | | | | | | | 16 |
| 17 | | | ·22 | | | | | | | | | | | 17 |
| 18 | | | | | | | | | | | | | | 18 |
| 19 | | | | | | | | | | | | | | 19 |
| 20 | | | | | | | | | | | | | | 20 |
| 21 | | | | | | | | | | | | | | 21 |
| 22 | | | | | | | | | | | | | | 22 |
| 23 | | | | | | | | | | | | | | 23 |
| 24 | | | | | | | | | | | | | | 24 |
| 25 | | | | | | | | | | | | | | 25 |
| 26 | | | | | ·48 | | | | | | | | | 26 |
| 27 | | | | | | | | | | ·39 | | | | 27 |
| 28 | | | | | | | | | | | | | | 28 |
| 29 | | | | | | | | | | | | | | 29 |
| 30 | | ✕ | | | | | | | | | ·50 | | | 30 |
| 31 | | ✕ | | ✕ | | ✕ | | | ✕ | | ✕ | | | 31 |
| | | | | | | | | | | | | | Year's Total | |
| TOTAL | 3·01 | 4·67 | 1·25 | 2·57 | 2·44 | 1·34 | 1·91 | 2·67 | 1·03 | 1·75 | 1·83 | 2·18 | 26·65 | ✓ |
| * Days with 0.2 mm. or more. | 18 | 26 | 16 | 16 | 14 | 13 | 14 | 15 | 13 | 10 | 8 | 20 | 183 | ✓ |
| * Days with 1.0 mm. or more. | 16 | 23 | 10 | 13 | 9 | 9 | 8 | 8 | 5 | 9 | 8 | 10 | 128 | ✓ |

(141w) * See Instruction 2 (f) on other side. † Spare column—no entries required, except year's total.

40-9999. 76·6 118·7 31·8 65·3 61·9 34·1 48·5 67·9 26·2 44·4 46·4 55·2 677·0 ✓

(Signed) ........................................ [P.T.O.

2140/5

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2830/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1091.

# REGISTER OF RAINFALL IN 1938.

*Kept at* Manchester (Barton Airport)

*in the County of* Lancs

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. - in.

,, Ground ,, Sea Level 70 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |  | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | † |  |
| 1 |  |  |  |  |  | ·72 |  |  |  |  |  |  |  | 1 |
| 2 |  |  |  | ·31 |  |  |  |  |  |  |  |  |  | 2 |
| 3 |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 |
| 4 |  |  |  |  |  |  |  |  |  |  |  |  |  | 4 |
| 5 |  |  |  |  |  |  |  | ·39 |  |  |  |  |  | 5 |
| 6 |  |  |  |  |  |  |  |  | ·65 |  |  |  |  | 6 |
| 7 |  |  |  |  |  |  |  |  |  |  |  |  |  | 7 |
| 8 | ·43 |  |  |  |  |  |  |  |  |  |  |  |  | 8 |
| 9 |  | ·30 |  |  |  |  |  |  |  |  |  |  |  | 9 |
| 10 |  |  |  |  |  |  | ·61 |  |  |  |  |  |  | 10 |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  | 11 |
| 12 |  |  |  |  |  |  |  |  |  | ·97 |  |  |  | 12 |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  | 13 |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  | 14 |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  | 15 |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  | 16 |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  | 17 |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  | 18 |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  | 19 |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  | 20 |
| 21 |  |  |  |  |  |  |  |  |  |  |  |  |  | 21 |
| 22 |  |  |  |  |  |  |  |  |  |  |  |  |  | 22 |
| 23 |  |  |  |  |  |  |  |  |  |  |  |  |  | 23 |
| 24 |  |  |  |  |  |  |  |  |  |  |  |  |  | 24 |
| 25 |  |  |  |  |  |  |  |  |  |  | ·66 |  |  | 25 |
| 26 |  |  | ·28 |  |  |  |  |  |  |  |  |  |  | 26 |
| 27 |  |  |  |  |  |  |  |  |  |  |  |  |  | 27 |
| 28 |  |  |  |  |  |  |  |  |  |  |  |  |  | 28 |
| 29 |  |  |  |  | 1·24 |  |  |  |  |  |  |  |  | 29 |
| 30 |  | ✕ |  |  |  |  |  |  |  |  |  |  |  | 30 |
| 31 |  | ✕ |  | ✕ |  | ✕ |  |  | ✕ |  | ✕ | ·79 |  | 31 |
|  |  |  |  |  |  |  |  |  |  |  |  |  | Year's Total |  |
| TOTAL | 97·1 | 28·9 | 22·6 | 10·2 | 98·2 | 84·7 | 99·6 | 52·4 | 69·5 | 167·2 | 91·3 | 102·5 | 924·2 |  |
| * Days with 0.2 mm. or more. | 25 | 13 | 9 | 4 | 15 | 17 | 22 | 17 | 16 | 19 | 20 | 21 | 198 |  |
| * Days with 1.0 mm. or more. | 18 | 7 | 6 | 2 | 10 | 12 | 19 | 14 | 13 | 19 | 17 | 15 | 152 |  |

(141w) * See Instruction 2 (f) on other side. † Spare column, no entries required, except year's total.

40-9999. 3·82 1·14 ·89 ·40 3·87 3·33 3·92 (Signed) 2·06 2·74 6·58 3·60 4·03 36·38 [P.T.O.

COPY FOR OFFICIAL USE.

Se[illegible]n **A** for the entry of Daily Observations. Station No. 2830/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1091.

# REGISTER OF RAINFALL IN 1939 .

*Kept at* Manchester (Barton Airport)
*in the County of* Lancs
Diameter of Funnel of Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 0 in.
,, Ground ,, Sea Level 70 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf.

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | † | |
| 1 | | | | | | | | | | | | | | 1 |
| 2 | | | | | | | | | ·62 | | | | | 2 |
| 3 | | | | | | | | | | | | | | 3 |
| 4 | | | | | | | | | | | | 1·10 | | 4 |
| 5 | | | | | | | | | | | | | | 5 |
| 6 | ·73 | | | | ·33 | | | | | | | | | 6 |
| 7 | | | | | | | | | | | | | | 7 |
| 8 | | | | | | | | | | | | | | 8 |
| 9 | | | | | | | | | | | | | | 9 |
| 10 | | | | | | | | ·50 | | | | | | 10 |
| 11 | | | | | | | | | | | | | | 11 |
| 12 | | | | | | | | | | | | | | 12 |
| 13 | | | | | | | | | | | | | | 13 |
| 14 | | | | | | | | | | | | | | 14 |
| 15 | | | | ·50 | | ·86 | | | | | | | | 15 |
| 16 | | | | | | | | | | | | | | 16 |
| 17 | | | | | | | | | | ·44 | | | | 17 |
| 18 | | | | | | | | | | | ·97 | | | 18 |
| 19 | | | | | | | | | | | | | | 19 |
| 20 | | | | | | | | | | | | | | 20 |
| 21 | | | ·46 | | | | 1·13 | | | | | | | 21 |
| 22 | | | | | | | | | | | | | | 22 |
| 23 | | | | | | | | | | | | | | 23 |
| 24 | | | | | | | | | | | | | | 24 |
| 25 | | | | | | | | | | | | | | 25 |
| 26 | | | | | | | | | | | | | | 26 |
| 27 | | 1·31 | | | | | | | | | | | | 27 |
| 28 | | | | | | | | | | | | | | 28 |
| 29 | | | | | | | | | | | | | | 29 |
| 30 | | ✗ | | | | | | | | | | | | 30 |
| 31 | | ✗ | | ✗ | | ✗ | | | ✗ | | ✗ | | | 31 |
| | | | | | | | | | | | | | Year's Total | |
| TOTAL | 128·1 | 91·2 | 44·2 | 56·9 | 33·0 | 70·0 | 160·2 | 45·8 | 25·0 | 42·9 | 124·7 | 84·2 | 906·2 | |
| * Days with 0.2 mm. or more. | 22 | 17 | 13 | 16 | 10 | 12 | 24 | 9 | 5 | 13 | 25 | 12 | 178 | |
| * Days with 1.0 mm. or more. | 19 | 13 | 7 | 9 | 8 | 10 | 20 | 7 | 4 | 10 | 20 | 9 | 136 | |

(141w) * See Instruction 2 (f) on other side. † Spare column, no entries required, except year's total.

40-9999. 5·04 3·59 1·74 2·24 1·30 2·75 6·31 (Signed) ·99 1·69 4·91 3·31 35·67 [P.T.O.

1·80

240/5

## COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 2830/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1091.

# REGISTER OF RAINFALL IN 1940

*Kept at* Manchester (Barton Airport)

*in the County of* Lancs

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 70 ft.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | † | |
| 1 | | | | | | | | | | | | | | 1 |
| 2 | | | | ·22 | | | | | | | | | | 2 |
| 3 | | | | | | | | | | | | | | 3 |
| 4 | | | | | | | | | | | | | | 4 |
| 5 | | | | | | | | | | | | | | 5 |
| 6 | | | | | | | | | | | | | | 6 |
| 7 | | ·35 | | | | | | | | | | | | 7 |
| 8 | | | | | | | | | | | | | | 8 |
| 9 | | | | | | | ·89 | | | | | | | 9 |
| 10 | | | | | | | | | | | | | | 10 |
| 11 | | | | | | | | | | | ·99 | | | 11 |
| 12 | | | | | | | | | | | | | | 12 |
| 13 | | | | | | | | | | | | | | 13 |
| 14 | | | | | | | | | | | | | | 14 |
| 15 | | | | | ·31 | | | | | | | | | 15 |
| 16 | | | | | | | | | 1·16 | | | | | 16 |
| 17 | | | ·70 | | | | | | | | | | | 17 |
| 18 | | | | | | | | ·35 | | | | | | 18 |
| 19 | | | | | | | | | | | | | | 19 |
| 20 | | | | | | | | | | | | | | 20 |
| 21 | | | | | | ·35 | | | | | | | | 21 |
| 22 | | | | | | | | | | | | | | 22 |
| 23 | | | | | | | | | | | | | | 23 |
| 24 | | | | | | | | | | | | | | 24 |
| 25 | | | | | | | | | | | | | | 25 |
| 26 | ·87 | | | | | | | | | | | | | 26 |
| 27 | | | | | | | | | | | | | | 27 |
| 28 | | | | | | | | | | | | | | 28 |
| 29 | | | | | | | | | | | | ·38 | | 29 |
| 30 | | ✕ | | | | | | | | | | | | 30 |
| 31 | | ✕ | | ✕ | | ✕ | | | ✕ | ·72 | ✕ | | | 31 |
| TOTAL | 67·6 | 54·6 | 66·3 | 42·7 | 26·5 | 22·5 | 93·2 | 34·9 | 89·8 | 89·7 | 6·8<br>14~~7·2~~ | 76·3 | Year's Total<br>810·9 ✓ | |
| * Days with 0.2 mm. or more. | 13 | 15 | 17 | 16 | 9 | 8 | 21 | 12 | 19 | 12 | 22 | 21 | 185 ✓ | ✓ |
| * Days with 1.0 mm. or more. | 7 | 13 | 12 | 10 | 8 | 4 | 18 | 8 | 14 | 11 | 19 | 14 | 138 ✓ | ✓ |

(144w) * See Instruction 3 (f) on other side. † Spare column, no entries required, except year's total.

2·66 2·15 2·61 1·68 1·04 ·89 3·67

(Signed) ............................................ [P.T.O.

1·37 3·53 3·53 5·74 8 3·00 31·91 ✓

2831.

**Section** **A** for the entry of D

AIR MINISTRY.

FORM 1090.

## REGIST

Y FOR OFFICIAL USE.

ORGANIZATION.

2831

ECCLES, PEEL GREEN

1931 — 40

280501

*Kept at* Peel Green

*in the County of* Lancas

Diameter of Funnel of Gauge 5

Height of top of Gauge above Ground.

,, Ground ,, Sea Lev

**THE MORNING MEASUR**

*An observer who does not conform to t*

*year in the space on the right of this*

wing

Jan. 1, following

| Date | Jan. | Feb. | March | | | | | | | | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·130 | / | / | ·040 | / | / | / | / | ·030 | / | / | / | 1 |
| 2 | / | ·100 | / | ·600 | ·060 | ·890 | / | / | ·510 | Trace | ·050 | ·080 | 2 |
| 3 | / | / | / | ·040 | / | ·030 | ·380 | / | 590 | Trace | 1·310 | ·470 | 3 |
| 4 | / | Trace | / | ·280 | ·010 | / | ·090 | ·240 | ·250 | Trace | ·020 | ·300 | 4 |
| 5 | / | ·050 | / | / | ·100 | ·950 | ·460 | ·960 | ·090 | / | Trace | ·160 | 5 |
| 6 | / | ·250 | Trace | ·020 | ·030 | ·200 | ·340 | ·080 | ·110 | ·570 | ·240 | ·020 | 6 |
| 7 | / | Trace | (SNOW) Trace | / | / | ·350 | / | ·610 | / | ·070 | ·030 | ·035 | 7 |
| 8 | ·080 | ·060 | Trace | ·040 | / | Trace | ·160 | ·320 | / | / | ·160 | ·025 | 8 |
| 9 | ·030 | ·450 | / | ·180 | Trace | ·075 | Trace | ·230 | ·040 | ·020 | ·180 | ·080 | 9 |
| 10 | ·120 | ·040 | / | / | ·120 | ·250 | / | ·250 | ·020 | / | ·230 | ·020 | 10 |
| 11 | ·220 | ·200 | / | ·030 | / | Trace | ·040 | Trace | ·410 | / | ·200 | ·100 | 11 |
| 12 | ·030 | ·145 | / | ·010 | / | / | ·450 | ·030 | ·100 | ·110 | ·130 | Trace | 12 |
| 13 | / | / | ·070 | / | ·010 | ·010 | ·320 | ·160 | / | / | Trace | / | 13 |
| 14 | ·070 | ·080 | / | Trace | ·025 | ·800 | ·260 | ·800 | ·010 | / | ·540 | Trace | 14 |
| 15 | ·230 | ·340 | / | ·150 | ·100 | ·240 | ·070 | ·190 | / | / | / | ·110 | 15 |
| 16 | ·260 | ·080 | / | ·240 | ·450 | ·020 | ·050 | ·840 | ·270 | / | / | / | 16 |
| 17 | ·160 | ·020 | / | ·110 | ·220 | ·670 | ·105 | ·330 | Trace | / | ·110 | / | 17 |
| 18 | ·280 | / | / | ·010 | / | / | ·490 | ·110 | / | / | ·430 | / | 18 |
| 19 | ·200 | ·150 | / | Trace | / | ·020 | ·300 | 1·060 | Trace | ·020 | Trace | ·030 | 19 |
| 20 | ·010 | ·190 | ·100 | / | / | / | / | ·370 | / | / | ·040 | ·025 | 20 |
| 21 | ·410 | ·030 | ·060 | / | ·180 | ·040 | / | ·140 | / | / | ·070 | / | 21 |
| 22 | ·050 | ·040 | Trace | ·040 | ·110 | ·055 | Trace | / | / | / | ·105 | / | 22 |
| 23 | ·380 | / | / | ·030 | ·220 | ·200 | ·480 | / | / | / | ·240 | ·200 | 23 |
| 24 | ·050 | ·090 | / | ·080 | ·610 | / | Trace | / | / | / | ·020 | ·070 | 24 |
| 25 | ·120 | ·530 | / | ·270 | ·055 | / | ·030 | / | / | / | ·020 | ·050 | 25 |
| 26 | ·020 | ·050 | / | ·510 | / | / | Trace | / | / | / | ·600 | Trace | 26 |
| 27 | ·400 | ·100 | / | ·050 | ·100 | / | ·140 | / | / | ·250 | ·445 | ·025 | 27 |
| 28 | ·330 | (SNOW) ·290 | / | / | ·430 | / | ·020 | / | ·070 | / | Trace | / | 28 |
| 29 | ·155 | × | / | ·065 | ·030 | / | ·120 | / | / | / | ·030 | ·120 | 29 |
| 30 | / | × | / | ·030 | / | / | / | / | ·090 | ·600 | Trace | / | 30 |
| 31 | ·200 | × | / | × | Trace | × | ·180 | / | × | Trace | × | ·030 | 31 |
| TOTAL | 3·935 | 3·285 | ·230 | 2·955 | 2·860 | 4·800 | 4·485 | 6·720 | 2·590 | 1·640 | 5·890 | 1·950 | YEAR'S TOTAL 41·340 |
| *Days with ·01 in. or more. | 23 | 21 | 3 | 21 | 18 | 16 | 20 | 18 | 14 | 4 | 22 | 19 | 202 |
| *Days with ·04 in. or more. | 19 | 19 | 3 | 15 | 13 | 12 | 18 | 17 | 11 | 5 | 14 | 11 | 160 |

40-9999

*See Instruction 2 (*f*) on other side.

(Signed) C. J. Gisling

P.T.O.

2831.

Section **A** for the entry of Daily Observations. Y FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1931.

*Kept at* Peel Green Eccles
*in the County of* Lancashire

Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. – in.
,, Ground ,, Sea Level 41·95 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·130 | / | / | ·040 | / | / | / | / | ·030 | / | / | / | 1 |
| 2 | / | ·100 | / | ·600 | ·060 | ·890 | / | / | ·510 | Trace | ·050 | ·080 | 2 |
| 3 | / | / | / | ·040 | / | ·030 | ·380 | / | 590 | Trace | 1·310 | ·470 | 3 |
| 4 | / | Trace | / | ·280 | ·010 | / | ·090 | ·240 | ·250 | Trace | ·020 | ·300 | 4 |
| 5 | / | ·050 | / | / | ·100 | ·950 | ·460 | ·960 | ·090 | / | Trace | ·160 | 5 |
| 6 | / | ·250 | (snow) Trace | ·020 | ·030 | ·200 | ·340 | ·080 | ·110 | ·570 | ·240 | ·020 | 6 |
| 7 | / | Trace | Trace | / | / | ·350 | / | ·610 | / | ·040 | ·030 | ·035 | 7 |
| 8 | ·080 | ·060 | Trace | ·040 | / | Trace | ·160 | ·320 | / | / | ·160 | ·025 | 8 |
| 9 | ·030 | ·450 | / | ·180 | Trace | ·075 | Trace | ·230 | ·040 | ·020 | ·180 | ·080 | 9 |
| 10 | ·120 | ·040 | / | / | ·120 | ·250 | / | ·250 | ·020 | / | ·230 | ·020 | 10 |
| 11 | ·220 | ·200 | / | ·030 | / | Trace | ·040 | Trace | ·410 | / | ·200 | ·100 | 11 |
| 12 | ·030 | ·145 | / | ·010 | / | / | ·450 | ·030 | ·100 | ·110 | ·130 | Trace | 12 |
| 13 | / | / | ·070 | / | ·010 | ·010 | ·320 | ·160 | / | / | Trace | / | 13 |
| 14 | ·070 | ·080 | / | Trace | ·025 | ·800 | ·260 | ·800 | ·010 | / | ·540 | Trace | 14 |
| 15 | ·230 | ·340 | / | ·150 | ·100 | ·240 | ·070 | ·190 | / | / | / | ·110 | 15 |
| 16 | ·260 | ·080 | / | ·240 | ·450 | ·020 | ·050 | ·840 | ·270 | / | / | / | 16 |
| 17 | ·160 | ·020 | / | ·110 | ·220 | ·640 | ·105 | ·330 | Trace | / | ·110 | / | 17 |
| 18 | ·280 | / | / | ·010 | / | / | ·490 | ·110 | / | / | ·430 | / | 18 |
| 19 | ·200 | ·150 | / | Trace | / | ·020 | ·300 | 1·060 | Trace | ·020 | Trace | ·030 | 19 |
| 20 | ·010 | ·190 | ·100 | / | / | / | / | ·370 | / | / | ·040 | ·025 | 20 |
| 21 | ·410 | ·030 | ·060 | / | ·180 | ·040 | / | ·140 | / | / | ·070 | / | 21 |
| 22 | ·050 | ·040 | Trace | ·040 | ·110 | ·055 | Trace | / | / | / | ·105 | / | 22 |
| 23 | ·380 | / | / | ·030 | ·220 | ·200 | ·480 | / | / | / | ·240 | ·200 | 23 |
| 24 | ·050 | ·090 | / | ·080 | ·610 | / | Trace | / | / | / | ·020 | ·070 | 24 |
| 25 | ·120 | ·530 | / | ·270 | ·055 | / | ·030 | / | / | / | ·020 | ·050 | 25 |
| 26 | ·020 | ·050 | / | ·510 | / | / | Trace | / | / | / | ·600 | Trace | 26 |
| 27 | ·400 | ·100<br>(SNOW) | / | ·050 | ·100 | / | ·140 | / | / | ·250 | ·475 | ·025 | 27 |
| 28 | ·330 | ·290 | / | / | ·430 | / | ·020 | / | ·070 | / | Trace | / | 28 |
| 29 | ·155 | × | / | ·065 | ·030 | / | ·120 | / | / | / | ·030 | ·120 | 29 |
| 30 | / | × | / | ·030 | / | / | / | / | ·090 | ·600 | Trace | / | 30 |
| 31 | ·200 | × | / | × | Trace | × | ·180 | / | × | Trace | × | ·030 | 31 |
| TOTAL | 3·935 | 3·286 | ·230 | 2·955 | 2·860 | 4·800 | 4·485 | 6·720 | 2·590 | 1·640 | 5·890 | 1·950 | YEAR'S TOTAL<br>41·340 |
| *Days with ·01 in. or more. | 23 | 21 | 3 | 21 | 18 | 16 | 20 | 18 | 14 | 7 | 22 | 19 | 202 |
| *Days with ·04 in. or more. | 19 | 19 | 3 | 15 | 13 | 12 | 18 | 17 | 11 | 5 | 14 | 11 | 160 |

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*See Instruction 2 (*f*) on other side.

(Signed) C. J. Gisling

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2831

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1932.

*Kept at* Peel Green Eccles

*in the County of* Lancashire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. – in.

,, Ground ,, Sea Level 41·95 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·200 | | | ·220 | ·050 | | ·060 | ·030 | ·165 | ·210 | ·050 | ·085 | 1 |
| 2 | ·460 | Trace | | | ·230 | | ·030 | ·025 | ·490 | ·220 | ·030 | ·285 | 2 |
| 3 | | ·020 | | Trace | | | ·270 | | ·120 | Trace | ·030 | ·125 | 3 |
| 4 | ·020 | | | | | | ·130 | Trace | | ·060 | ·125 | ·030 | 4 |
| 5 | ·480 | | ·110 | ·040 | Trace | | ·040 | ·020 | ·120 | | Trace | ·020 | 5 |
| 6 | ·480 | Trace | ·080 | ·420 | | | ·020 | Trace | ·110 | Trace | | | 6 |
| 7 | ·110 | | ·325 | ·080 | Trace | | | | ·515 | ·640 | | | 7 |
| 8 | | | | ·070 | | | | | ·050 | ·500 | | | 8 |
| 9 | ·030 | Tr. (snow) | | ·220 | ·130 | | | | ·015 | | Trace | Trace | 9 |
| 10 | ·450 | ·010 | | ·020 | Trace | | | | ·360 | ·460 | ·020 | Trace | 10 |
| 11 | ·050 | snow<br>·030 | | Trace | ·310 | ·045 | ·420 | Trace | Trace | ·040 | | | 11 |
| 12 | ·140 | | ·010 | | ·215 | | ·320 | Trace | ·020 | ·380 | | | 12 |
| 13 | | ·020 | | | ·075 | | ·270 | ·050 | ·160 | ·340 | | ·140 | 13 |
| 14 | ·030 | | | ·025 | | | ·610 | ·110 | | ·125 | ·090 | ·050 | 14 |
| 15 | | | | | ·680 | | | | | ·040 | ·020 | ·030 | 15 |
| 16 | ·190 | | | | | | | Trace | | ·090 | | ·040 | 16 |
| 17 | | Trace | | | | | ·250 | Trace | | ·340 | | | 17 |
| 18 | | | | | ·020 | | ·020 | | Trace | ·035 | ·030 | | 18 |
| 19 | | | | ·150 | ·030 | | ·020 | | | ·210 | Trace | | 19 |
| 20 | | Trace | | ·150 | ·220 | | ·010 | ·350 | | ·150 | ·130 | ·040 | 20 |
| 21 | ·055 | Trace | ·255 | ·035 | ·485 | | | ·300 | | ·455 | ·060 | ·020 | 21 |
| 22 | ·015 | | ·140 | ·140 | ·210 | | ·020 | | Trace | ·040 | ·670 | ·020 | 22 |
| 23 | Trace | | | ·090 | ·625 | | ·040 | | | ·210 | ·220 | ·030 | 23 |
| 24 | ·045 | | | | Trace | ·025 | ·450 | | ·190 | ·020 | ·310 | ·025 | 24 |
| 25 | | Trace | | ·045 | ·020 | ·020 | ·015 | | ·240 | 1·320 | ·130 | ·010 | 25 |
| 26 | | | Trace | ·120 | ·315 | Trace | ·100 | | ·155 | ·540 | ·120 | | 26 |
| 27 | | | ·260 | ·150 | ·300 | ·110 | ·250 | | Trace | ·030 | ·120 | ·030 | 27 |
| 28 | | | ·065 | ·110 | ·125 | | ·225 | | | | ·020 | Trace | 28 |
| 29 | ·060 | | ·380 | ·530 | ·030 | ·045 | ·030 | ·480 | ·100 | ·750 | ·110 | ·160 | 29 |
| 30 | ·015 | × | ·120 | | | ·220 | Trace | ·130 | ·040 | ·260 | ·190 | ·085 | 30 |
| 31 | Trace | × | ·080 | × | | × | ·200 | | × | ·020 | × | ·040 | 31 |
| TOTAL | 3·460 | ·080 | 1·825 | 2·615 | 4·070 | ·465 | 3·800 | 1·495 | 3·150 | 7·515 | 2·475 | 1·265 | YEAR'S TOTAL<br>32·215 |
| *Days with ·01 in. or more. | 17 | 4 | 11 | 18 | 18 | 6 | 23 | 9 | 16 | 26 | 19 | 19 | 186 |
| *Days with .04 in. or more. | 12 | – | 10 | 15 | 14 | 3 | 15 | 6 | 14 | 22 | 13 | 10 | 134 |

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*See Instruction 2 (*f*) on other side.

(*Signed*) C. J. Gisling

P.T.O.

2831

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. ~~2831~~

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1933.

*Kept at* Peel Green Eccles

*in the County of* Lancashire

Diameter of Funnel of Gauge 5" in.

Height of top of Gauge above Ground 1 ft – in.

,, Ground ,, Sea Level 71·95 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | ·025 | ·285 | ·030 | | ·010 | Trace | | Trace | ·020 | | ·160 | | | 1 |
| 2 | ·255 | | ·110 | ·220 | ·010 | ·070 | | ·115 | | | | | | 2 |
| 3 | | ·385 | ·110 | | ·610 | | | | | | Trace | | | 3 |
| 4 | ·240 | ·030 | ·150 | | ·100 | | | | | | Trace | | | 4 |
| 5 | ·130 | ·080 | ·030 | | ·050 | | | | | | ·030 | | | 5 |
| 6 | Trace | ·120 | ·110 | | ·095 | | | | | | ·015 | ·020 | | 6 |
| 7 | ·050 | ·290 | | | ·050 | | ·440 | ·020 | | ·860 | Trace | Trace | | 7 |
| 8 | ·165 | ·045 | ·140 | ·030 | ·050 | Trace | ·115 | | | | Trace | ·010 | | 8 |
| 9 | | ·280 | Trace | ·095 | ·025 | Trace | ·560 | | | ·500 | ·110 | | | 9 |
| 10 | ·095 | ·180 | | | | ·030 | ·045 | | | 1·160 | ·080 | | | 10 |
| 11 | | Trace | | ·035 | | | ·610 | ·020 | | ·150 | ·010 | (SNOW)<br>·060 | | 11 |
| 12 | ·025 | Trace | | | | ·110 | ·290 | | | ·230 | | (SNOW)<br>·010 | | 12 |
| 13 | ·020 | | | | ·150 | | ·210 | ·020 | | ·120 | ·165 | | | 13 |
| 14 | ·060 | | ·020 | | | | ·030 | ·100 | | ·020 | ·265 | | | 14 |
| 15 | ·285 | | Trace | | | Trace | Trace | ·065 | | ·380 | ·200 | | | 15 |
| 16 | ·130 | ·020 | ·100 | ·015 | ·020 | ·110 | | ·020 | | ·120 | Trace | | | 16 |
| 17 | ·040 | | ·990 | | | ·530 | | ·140 | ·040 | ·020 | | | | 17 |
| 18 | ·040 | | ·175 | | Trace | 1·240 | | Trace | | | | | | 18 |
| 19 | | | ·340 | Trace | | ·240 | Trace | | ·235 | | | ·020 | | 19 |
| 20 | | ·185 | ·030 | | ·050 | Trace | | ·220 | Trace | | ·035 | | | 20 |
| 21 | | | | | | | | ·240 | | | Trace | | | 21 |
| 22 | | | | | ·020 | ·210 | | ·050 | | ·070 | | | | 22 |
| 23 | | | | ·180 | ·050 | ·110 | | | ·110 | ·100 | | | | 23 |
| 24 | | (SNOW)<br>·080 | | ·090 | ·120 | ·050 | | | ·410 | ·015 | | | | 24 |
| 25 | | ·430 | | ·100 | | | | | ·190 | Trace | | ·070 | | 25 |
| 26 | | ·280 | | ·210 | Trace | Trace | | | Trace | ·240 | | ·015 | | 26 |
| 27 | | ·020 | | | | | | | ·020 | Trace | | | | 27 |
| 28 | | | | ·025 | | | ·045 | ·010 | | ·040 | | | | 28 |
| 29 | | X | | | | | ·200 | | | Trace | | ·050 | | 29 |
| 30 | (SNOW)<br>·065 | X | ·110 | ·100 | | | ·030 | | | ·150 | | ·150 | | 30 |
| 31 | ·220 | X | ·020 | X | | X | ·020 | ·060 | X | ·320 | X | ·020 | | 31 |
| TOTAL | 1·845 | 2·410 | 2·465 | 1·100 | 1·410 | 2·400 | 2·595 | 1·110 | 1·025 | 4·525 | 1·040 | ·425 | Year's Total<br>22·980 | |
| *Days with ·01 in. or more. | 16 | 15 | 15 | 11 | 15 | 10 | 12 | 13 | 5 ~~8~~ | 14 ~~14~~ | 10 | 10 | 151 | |
| *Days with .04 in. or more. | 13 | 12 | 10 | 7 | 10 | 9 | 9 | 8 | 7 ~~4~~ | 14 ~~14~~ | ~~10~~ 6 | 4 | 109 | |

40-9999

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) C. J. Gitling

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2,831

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1934.

*Kept at* Peel Green Eccles

*in the County of* Lancashire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. – in.

,, Ground ,, Sea Level 71·95 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·090 | | Trace | | | | | ·020 | ·240 | ·040 | ·065 | ·390 | | 1 |
| 2 | ·015 | ·015 | ·110 | | | | | ·420 | ·050 | ·010 | ·240 | ·290 | | 2 |
| 3 | ·030 | Trace | | | Trace | | | ·140 | ·065 | ·080 | ·020 | ·030 | | 3 |
| 4 | ·190 | | ·110 | ·025 | ·055 | | | ·010 | ·025 | ·940 | | 1·080 | | 4 |
| 5 | ·015 | | ·040 | | ·025 | | | ·480 | | ·185 | | ·040 | | 5 |
| 6 | | | ·080 | (SNOW)<br>·030 | ·380 | ·060 | | ·105 | | ·180 | | ·280 | | 6 |
| 7 | ·325 | | ·090 | ·035 | | Trace | | Trace | | ·060 | ·120 | ·200 | | 7 |
| 8 | Trace | | ·020 | | ·040 | ·400 | | ·020 | ·015 | ·040 | ·025 | Trace | | 8 |
| 9 | | ·010 | ·290 | ·010 | | | | ·090 | | | ·310 | ·040 | | 9 |
| 10 | | | ·245 | ·060 | | | | ·080 | | ·200 | ·025 | ·015 | | 10 |
| 11 | ·030 | | ·045 | ·250 | | | | ·250 | | Trace | ·020 | ·065 | | 11 |
| 12 | | ·010 | | ·060 | | | ·040 | ·020 | | ·030 | | ·060 | | 12 |
| 13 | ·255 | | | ·050 | ·025 | | ·040 | | | ·040 | ·020 | Trace | | 13 |
| 14 | ·220 | | ·090 | | ·050 | Trace | | | | ·290 | ·025 | ·030 | | 14 |
| 15 | ·100 | | ·240 | | ·060 | | Trace | ·080 | ·240 | ·050 | | ·140 | | 15 |
| 16 | ·320 | | ·085 | | ·100 | Trace | | | | ·110 | | ·080 | | 16 |
| 17 | ·160 | | ·190 | ·010 | ·110 | | ·305 | ·020 | ·245 | ·050 | | ·105 | | 17 |
| 18 | ·150 | | ·080 | ·310 | ·355 | ·140 | | ·015 | | Trace | | ·090 | | 18 |
| 19 | | Trace | ·145 | | ·040 | ·280 | | | ·250 | ·100 | | ·020 | | 19 |
| 20 | ·010 | | ·020 | ·065 | ·115 | ·020 | | | ·110 | ·040 | Trace | ·025 | | 20 |
| 21 | ·040 | | ·040 | ·015 | ·015 | ·240 | | ·030 | ·090 | ·080 | | | | 21 |
| 22 | ·015 | | ·040 | | | | | ·200 | ·395 | ·080 | ·010 | ·030 | | 22 |
| 23 | | | ·100 | ·475 | ·020 | Trace | ·440 | ·080 | | ·140 | ·030 | ·045 | | 23 |
| 24 | | ·230 | ·025 | ·240 | Trace | ·050 | ·015 | | ·040 | ·040 | Trace | | | 24 |
| 25 | ·020 | ·110 | | ·110 | ·020 | | ·040 | | ·100 | ·140 | | ·450 | | 25 |
| 26 | ·045 | | | ·085 | | ·030 | ·140 | | ·160 | ·035 | | ·040 | | 26 |
| 27 | | | | ·035 | ·010 | ·150 | ·220 | | | ·145 | ·020 | ·420 | | 27 |
| 28 | | | | Trace | | ·450 | ·045 | ·400 | ·095 | ·140 | | ·450 | | 28 |
| 29 | ·010 | × | | | | | ·090 | ·255 | ·325 | ·480 | | ·040 | | 29 |
| 30 | ·080 | × | | | | | ·065 | ·040 | ·145 | ·160 | | ·030 | | 30 |
| 31 | ·020 | × | | × | | × | ·250 | ·020 | × | (SNOW)<br>·180 | × | ·100 | | 31 |
| TOTAL | 2·140 | ·345 | 2·115 | 1·895 | 2·020 | 1·850 | 1·480 | 2·805 | 2·620 | 4·445 | 1·530 | 4·765 | Year's Total.<br>28·340 | |
| * Days with .01 in. or more. | 21 | 5 | 20 | 17 | 16 | 10 | 12 | 21 | 17 | 28 | 13 | 27 | 207 | |
| * Days with .04 in. or more. | 12 | 2 | 14 | 10 | 10 | 8 | 11 | 13 | 15 | 25 | 5 | 20 | 148 | |

40-9999

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) C. J. Girling

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 2,831

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1935.

*Kept at* Peel Green Eccles
*in the County of* Lancashire
Diameter of Funnel of Gauge 5" in.
Height of top of Gauge above Ground 1 ft. — in.
,, Ground ,, Sea Level 41·95 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf.

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·460 | ·265 | ·020 | ·050 | | ·050 | ·070 | | ·190 | ·285 | ·040 | ·365 | | 1 |
| 2 | ·020 | ·070 | ·110 | | | ·350 | | | ·035 | ·045 | ·025 | ·160 | | 2 |
| 3 | ·070 | ·385 | ·090 | ·025 | | ·035 | ·110 | | ·170 | ·045 | ·070 | ·215 | | 3 |
| 4 | | ·020 | ·010 | Trace | | ·240 | | | ·215 | ·180 | | ·030 | | 4 |
| 5 | | ·240 | ·070 | ·160 | | ·430 | | | ·330 | ·010 | ·350 | ·300 | | 5 |
| 6 | | | Trace | ·035 | | ·190 | | | | | | ·010 | | 6 |
| 7 | | | | ·030 | | ·200 | | | | ·120 | ·225 | ·250 | | 7 |
| 8 | | | | ·090 | | ·245 | | | | ·035 | ·110 | ·600 | | 8 |
| 9 | (snow) Trace | ·015 | | ·150 | | ·050 | | | | 1·360 | ·100 | | | 9 |
| 10 | | ·050 | | ·040 | | | Trace | | | ·105 | ·225 | | | 10 |
| 11 | ·320 | ·045 | | | | ·140 | | Trace | | ·130 | ·050 | | | 11 |
| 12 | Trace | ·050 | | | | ·610 | | | ·025 | | | | | 12 |
| 13 | ·180 | ·020 | | ·045 | ·250 | | | | ·100 | Trace | ·020 | | | 13 |
| 14 | Trace | | | Trace | | ·070 | | | ·040 | | ·960 | (SNOW) ·230 | | 14 |
| 15 | | ·380 | | ·290 | ·040 | | ·060 | | ·120 | ·010 | ·020 | (SNOW) ·450 | | 15 |
| 16 | Trace | ·125 | ·090 | ·200 | ·035 | ·200 | ·025 | | ·460 | ·010 | ·290 | | | 16 |
| 17 | | ·020 | | ·240 | ·320 | ·230 | ·360 | ·210 | ·370 | ·030 | ·420 | | | 17 |
| 18 | | | | ·160 | ·130 | ·050 | ·065 | ·080 | ·410 | ·150 | | | | 18 |
| 19 | | Trace | | ·300 | ·130 | ·240 | ·130 | | | ·050 | ·210 | | | 19 |
| 20 | Trace | ·380 | | ·490 | | ·130 | ·025 | | | ·015 | ·010 | | | 20 |
| 21 | | ·265 | ·020 | | | | | | 1·045 | ·100 | ·020 | ·380 | | 21 |
| 22 | Trace | ·090 | ·025 | | | | | | ·055 | ·015 | | | | 22 |
| 23 | ·030 | | ·470 | ·135 | | | | ·200 | ·060 | ·430 | | | | 23 |
| 24 | ·260 | ·280 | ·040 | | | | | ·020 | 1·150 | ·065 | | ·085 | | 24 |
| 25 | ·225 | ·010 | ·060 | | | ·090 | | | Trace | Trace | ·020 | ·015 | | 25 |
| 26 | | | | | | | | ·680 | ·435 | ·080 | ·260 | ·240 | | 26 |
| 27 | | | | | | ·095 | ·080 | | ·340 | ·420 | ·340 | ·045 | | 27 |
| 28 | ·020 | ·030 | | | ·015 | | | ·030 | ·110 | ·250 | ·030 | | | 28 |
| 29 | ·010 | × | ·025 | | | | | ·050 | ·420 | ·150 | ·080 | ·070 | | 29 |
| 30 | ·060 | × | | ·010 | | ·180 | | ·090 | ·080 | ·290 | ·690 | ·060 | | 30 |
| 31 | ·050 | × | Trace | × | | × | | | × | ·180 | × | ·240 | | 31 |
| TOTAL | 1·405 | 2·440 | 1·060 | 2·480 | ·920 | 3·855 | ·925 | 1·360 | 6·160 | 4·560 | 4·595 | 3·445 | Year's Total 34·135 | |
| * Days with .01 in. or more. | 12 | 19 | 12 | 14 | 4 | 20 | 9 | 8 | 21 | 26 | 23 | 18 | 192 | |
| * Days with .04 in. or more. | 8 | 13 | 4 | 13 | 5 | 19 | 4 | 6 | 19 | 19 | 16 | 15 | 144 | |

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) C. J. Girling

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 2831

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1936.

*Kept at* Pel Green Eccles

*in the County of* Lancashire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. — in.

,, Ground ,, Sea Level 41·95 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf.

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | Trace | ·030 | ·020 | ·140 | | ·030 | | ·340 | ·055 | | ·150 | ·225 | | 1 |
| 2 | ·065 | (Snow) ·035 | | ·110 | | ·520 | | ·080 | Trace | | ·055 | ·126 | | 2 |
| 3 | ·080 | | | | | ·090 | ·036 | ·130 | 1·310 | | | ·020 | | 3 |
| 4 | ·150 | (Snow) ·200 | ·200 | | | | | ·030 | ·580 | Trace | ·200 | ·200 | | 4 |
| 5 | ·035 | (Snow) ·040 | ·265 | | | Trace | Trace | ·300 | ·120 | | ·010 | ·240 | | 5 |
| 6 | | | Trace | | Trace | Trace | ·045 | ·235 | ·590 | | ·020 | | | 6 |
| 7 | | | ·045 | | | | ·030 | | ·585 | | ·065 | ·320 | | 7 |
| 8 | ·135 | | ·150 | | | | | | Trace | | ·420 | ·090 | | 8 |
| 9 | ·240 | | ·020 | | | Trace | ·525 | | ·100 | | ·310 | ·025 | | 9 |
| 10 | ·030 | | | | | | ·095 | | Trace | | ·345 | | | 10 |
| 11 | | | | Trace | | ·150 | ·245 | ·035 | ·015 | | ·310 | ·020 | | 11 |
| 12 | | | | ·040 | ·040 | ·620 | ·240 | | ·320 | ·040 | ·035 | ·025 | | 12 |
| 13 | Trace | | | | | ·015 | ·035 | | | ·120 | ·010 | ·250 | | 13 |
| 14 | | | | ·020 | | ·260 | ·045 | ·040 | ·450 | ·060 | ·240 | ·425 | | 14 |
| 15 | (Snow) ·160 | | | ·100 | ·150 | ·050 | Trace | ·110 | ·045 | | ·340 | ·020 | | 15 |
| 16 | (Snow) ·040 | ·060 | ·020 | ·106 | ·020 | | ·045 | | | Trace | ·630 | ·015 | | 16 |
| 17 | ·060 | ·240 | | | | | ·065 | ·030 | | ·230 | ·025 | ·040 | | 17 |
| 18 | | ·020 | | ·040 | | ·120 | ·200 | ·100 | | ·340 | | | | 18 |
| 19 | ·230 | ·130 | | ·205 | | ·155 | ·140 | ·330 | | ·060 | | | | 19 |
| 20 | ·380 | ·040 | ·040 | | | | ·015 | | | ·010 | | Trace | | 20 |
| 21 | ·160 | | | ·040 | | ·100 | | | | ·040 | | Trace | | 21 |
| 22 | ·070 | ·230 | ·030 | | | ·540 | ·250 | | | | | ·040 | | 22 |
| 23 | Trace | ·020 | ·090 | ·090 | Trace | | ·340 | | | ·050 | | ·010 | | 23 |
| 24 | ·085 | | | ·025 | ·060 | | | | ·235 | ·320 | | Trace | | 24 |
| 25 | ·320 | | Trace | ·025 | | | ·030 | | ·360 | ·095 | | ·020 | | 25 |
| 26 | ·035 | ·160 | ·015 | ·020 | | | ·010 | | ·150 | ·330 | | ·015 | | 26 |
| 27 | ·460 | ·010 | | | | | | | ·035 | ·310 | | | | 27 |
| 28 | ·150 | ·135 | ·040 | | | | ·165 | | | Trace | | ·075 | | 28 |
| 29 | ·060 | ·130 | ·340 | | | ·540 | Trace | | | ·080 | ·160 | ·145 | | 29 |
| 30 | ·145 | ✕ | | | ·280 | Trace | ·280 | | | ·340 | ·120 | ·025 | | 30 |
| 31 | ·120 | ✕ | ·030 | ✕ | Trace | ✕ | ·030 | ·020 | ✕ | | ✕ | ·185 | | 31 |
| | | | | | | | | | | | | | Year's Total | 29·53 |
| TOTAL | 3·540 | 1·480 | 1·425 | ·990 | ·580 | 3·220 | 2·925 | 1·810 | 4·940 | 2·425 | 3·495 | 2·615 | 29·535 | ✓ |
| * Days with .01 in. or more. | 22 | 15 | 14 | 13 | 6 | 13 | 21 | 13 | 15 | 15 | 18 | 23 | 187 | ✓ |
| * Days with .04 in. or more. | 19 | 10 | 8 | 9 | 4 | 11 | 14 | 9 | 13 | 14 | 13 | 13 | 137 | ✓ |

40-9999.

† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(*Signed*) C. J. Girling

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 2831

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1937

*Kept at* Peel Green, Eccles

*in the County of* Lancashire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 41·95 ft.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following ✓

**Please read the Notes and Instructions Overleaf**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | 0·020 | 0·220 | 0·015 | | | 0·020 | | | 0·320 | 0·010 | | 0·215 | | 1 |
| 2 | 0·020 | 0·160 | 0·065 | 0·140 | | | | | | | | | | 2 |
| 3 | | 0·055 | 0·010 | 0·040 | 0·150 | 0·300 | 0·060 | | | | | | | 3 |
| 4 | 0·180 | 0·030 | 0·030 | 0·085 | 0·120 | | Trace | 0·020 | | | | 0·580 | | 4 |
| 5 | 0·830 | | 0·020 | 0·020 | | 0·020 | 0·020 | | | | | 0·220 | | 5 |
| 6 | 0·140 | | | 0·085 | 0·210 | | | 0·340 | Trace | | | 0·025 | | 6 |
| 7 | | 0·280 | | 0·260 | 0·030 | 0·095 | Trace | | 0·030 | | | 0·020 | | 7 |
| 8 | | 0·500 | | 0·040 | Trace | 0·040 | 0·320 | | | | 0·060 | 0·020 | | 8 |
| 9 | | 0·190 | Trace | 0·030 | 0·350 | Trace | 0·300 | 0·125 | | | | | | 9 |
| 10 | | 0·110 | (Snow)<br>0·030 | | | 0·030 | 0·070 | 0·080 | | | | 0·170 | | 10 |
| 11 | | 0·010 | 0·095 | | 0·380 | | 0·020 | | | | | 0·015 | | 11 |
| 12 | 0·020 | 0·410 | 0·030 | | 0·020 | 0·070 | 0·025 | 0·220 | 0·300 | | | 0·100 | | 12 |
| 13 | | 0·125 | 0·010 | Trace | | 0·110 | | 0·660 | 0·010 | | | 0·200 | | 13 |
| 14 | | 0·030 | 0·025 | | | | | 0·580 | 0·020 | | 0·055 | 0·090 | | 14 |
| 15 | 0·210 | 0·190 | | 0·260 | | | 0·530 | | 0·050 | | | 0·035 | | 15 |
| 16 | 0·030 | 0·305 | 0·105 | 0·265 | | | | 0·085 | 0·040 | | 0·010 | | | 16 |
| 17 | 0·040 | 0·050 | 0·210 | 0·190 | 0·040 | 0·010 | | 0·010 | 0·030 | | | | | 17 |
| 18 | 0·450 | 0·090 | 0·050 | 0·340 | | | | 0·140 | 0·020 | | 0·430 | 0·010 | | 18 |
| 19 | 0·135 | 0·060 | 0·055 | 0·130 | | Trace | 0·070 | 0·030 | | | 0·325 | | | 19 |
| 20 | 0·060 | 0·070 | | 0·260 | 0·190 | 0·050 | 0·090 | | 0·010 | | 0·010 | 0·120 | | 20 |
| 21 | | 0·150 | 0·030 | 0·180 | Trace | | 0·220 | | | 0·080 | | 0·030 | | 21 |
| 22 | 0·060 | 0·045<br>~~0·450~~ | (Snow)<br>0·080 | Trace | | | 0·020 | | | 0·270 | 0·220 | 0·120 | | 22 |
| 23 | 0·120 | | Trace | | 0·450 | | 0·065 | | | 0·285 | 0·185 | | | 23 |
| 24 | 0·240 | 0·210 | 0·130 | | Trace | | 0·045 | | 0·180 | 0·220 | | 0·040 | | 24 |
| 25 | | 0·355 | | | | | 0·010 | 0·040 | | 0·010 | | 0·030 | | 25 |
| 26 | | 0·200 | (Snow)<br>0·130 | | 0·475 | | | | 0·020 | | | 0·010 | | 26 |
| 27 | | 0·310 | | 0·190 | | | | | | 0·390 | | 0·025 | | 27 |
| 28 | | (Snow)<br>0·250 | | | | Trace | | | | 0·155 | | | | 28 |
| 29 | (Snow)<br>Trace | ✕ | | | | 0·050 | | | | 0·020 | 0·110 | | | 29 |
| 30 | 0·030 | ✕ | | | | 0·260 | | 0·015 | | 0·060 | 0·460 | | | 30 |
| 31 | 0·320 | ✕ | | ✕ | | ✕ | | 0·040 | ✕ | 0·150 | ✕ | | | 31 25·29 |
| | | | | | | | | | | | | | Year's Total | |
| TOTAL | 2·905 | 4·405 | 1·120 | 2·515 | 2·415 | 1·055 | 1·865 | 2·385 | 1·030 | 1·650 | 1·865 | 2·075 | 25·285 | ✓ ✓ |
| * Days with .01 in. or more. | 17 | 25 | 18 | 16 | 11 | 12 | 15 | 14 | 12 | 11 | 10 | 20 | 181 | ✓ ✓ |
| * Days with .04 in. or more. | 12 | 22 | 9 | 14 | 9 | 8 | 10 | 10 | 5 | 8 | 8 | 10 | 125 | ✓ ✓ |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) C. J. Gerling

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 2831

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1938

*Kept at* Peel Green, Eccles.

*in the County of* Lancashire.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 71·95 ft.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | | 0·03 | | 0·02 | | 0·66 | 0·37 | 0·07 | | 0·03 | 0·06 | 0·24 | | 1 |
| 2 | 0·02 | Tr. | | 0·28 | Tr. | 0·27 | 0·03 | | Tr. | 0·52 | 0·09 | 0·28 | | 2 |
| 3 | 0·01 | | | | | 0·02 | 0·12 | | 0·16 | 0·70 | 0·15 | 0·02 | | 3 |
| 4 | 0·02 | | | 0·03 | | 0·03 | 0·09 | 0·10 | | 0·10 | 0·02 | 0·63 | | 4 |
| 5 | 0·07 | Tr. | | 0·02 | | 0·08 | 0·04 | 0·15 | 0·14 | 0·38 | | 0·03 | | 5 |
| 6 | 0·12 | 0·01 | | | | 0·02 | 0·30 | | 0·55 | 0·24 | | 0·02 | | 6 |
| 7 | 0·24 | 0·01 | | | | | 0·39 | 0·05 | 0·15 | 0·11 | | | | 7 |
| 8 | 0·53 | 0·01 | | | | | 0·35 | 0·04 | | 0·57 | | 0·23 | | 8 |
| 9 | 0·02 | 0·34 | 0·15 | | | 0·41 | 0·13 | 0·02 | | Tr. | | 0·26 | | 9 |
| 10 | 0·02 | 0·03 | 0·02 | | | Tr. | 0·62 | | Tr. | 0·17 | | 0·08 | | 10 |
| 11 | 0·21 | 0·04 | | | 0·04 | 0·02 | 0·19 | 0·36 | 0·02 | 0·13 | 0·09 | 0·04 | | 11 |
| 12 | 0·05 | | | | 0·13 | | 0·02 | 0·09 | | 0·94 | 0·29 | 0·01 | | 12 |
| 13 | 0·02 | Snow 0·03 | | | Tr. | | 0·03 | | 0·04 | 0·11 | 0·09 | 0·23 | | 13 |
| 14 | 0·17 | Snow 0·01 | | | 0·07 | Tr. | 0·09 | | 0·09 | | Tr. | 0·01 | | 14 |
| 15 | 0·21 | | Tr. | | 0·03 | Tr. | 0·29 | 0·18 | | 0·08 | | 0·11 | | 15 |
| 16 | 0·21 | | 0·02 | | 0·25 | | 0·17 | 0·03 | Tr. | Tr. | 0·07 | 0·06 | | 16 |
| 17 | Tr. | | | | 0·59 | | 0·05 | 0·06 | 0·09 | 0·23 | 0·02 | 0·03 | | 17 |
| 18 | 0·02 | | | | 0·12 | 0·12 | | 0·10 | 0·71 | 0·32 | 0·14 | | | 18 |
| 19 | | | | | | | | 0·12 | 0·04 | | Tr. | Snow 0·05 | | 19 |
| 20 | 0·14 | | 0·01 | | | | Tr. | 0·04 | 0·04 | Tr. | 0·37 | Snow Tr. | | 20 |
| 21 | | | 0·01 | | | 0·02 | | 0·05 | Tr. | | 0·07 | Snow Tr. | | 21 |
| 22 | | | | Tr. | Tr. | 0·25 | | | | | 0·24 | 0·02 | | 22 |
| 23 | | | | | 0·07 | 0·11 | | | 0·10 | | 0·24 | | | 23 |
| 24 | 0·16 | 0·10 | 0·18 | | 0·04 | 0·07 | | 0·42 | 0·03 | 0·02 | 0·11 | | | 24 |
| 25 | 0·04 | 0·21 | 0·06 | | Tr. | 0·08 | 0·16 | 0·01 | | 0·56 | 0·64 | Snow 0·07 | | 25 |
| 26 | 0·13 | 0·18 | 0·28 | | 0·03 | 0·07 | | Tr. | 0·07 | 0·35 | 0·35 | 0·11 | | 26 |
| 27 | 0·38 | 0·05 | | | 0·39 | 0·22 | 0·07 | 0·22 | 0·10 | Tr. | 0·24 | | | 27 |
| 28 | 0·10 | 0·03 | 0·03 | | Tr. | 0·53 | 0·12 | 0·16 | 0·11 | 0·08 | 0·01 | 0·17 | | 28 |
| 29 | 0·25 | | 0·12 | | 1·31 | 0·18 | 0·18 | Tr. | | 0·08 | 0·04 | 0·39 | | 29 |
| 30 | 0·20 | | | | 0·20 | Tr. | | | 0·41 | | 0·09 | 0·06 | | 30 |
| 31 | 0·19 | | 0·04 | | 0·35 | | | | | 0·43 | | 0·66 | | 31 |
| TOTAL | 3·53 | 1·08 | 0·92 | 0·35 | 3·62 | 3·16 | 3·81 | 2·27 | 2·85 | 6·15 | 3·42 | 3·81 | Year's Total<br>34·97 | |
| * Days with .01 in. or more. | 25 | 14 | 10 | 4 | 14 | 18 | 21 | 19 | 17 | 21 | 21 | 24 | 208 | |
| * Days with .04 in. or more. | 18 | 6 | 6 | 1 | 12 | 13 | 18 | 16 | 15 | 19 | 18 | 17 | 159 | |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(Signed) C. J. Girling

P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 2831

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1939

*Kept at* Peel Green, Eccles.

*in the County of* Lancashire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 71·95 ft.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | 0·18 | | 0·01 | 0·29 | Tr. | | 0·02 | Tr. | | | | 0·12 | | 1 |
| 2 | 0·11 | | | 0·18 | | | 0·16 | 0·22 | 0·52 | Tr. | 0·08 | 0·04 | | 2 |
| 3 | Snow<br>0·08 | | Tr. | 0·17 | | | | 0·04 | | | 0·02 | 0·50 | | 3 |
| 4 | Snow<br>0·19 | 0·02 | 0·27 | 0·16 | 0·02 | | 0·24 | | | 0·01 | 0·06 | 1·11 | | 4 |
| 5 | | Tr. | Tr. | 0·01 | 0·24 | | 0·07 | 0·07 | | 0·09 | 0·20 | Tr. | | 5 |
| 6 | 0·83 | 0·13 | 0·02 | | 0·28 | | 0·31 | Tr. | | Tr. | 0·03 | | | 6 |
| 7 | 0·08 | 0·16 | 0·02 | | 0·03 | | 0·12 | Tr. | | | 0·05 | 0·66 | | 7 |
| 8 | 0·36 | 0·08 | 0·26 | 0·01 | | | 0·77 | 0·05 | | 0·11 | 0·15 | 0·15 | | 8 |
| 9 | 0·05 | 0·30 | 0·01 | | | | Tr. | 0·33 | | 0·31 | 0·04 | 0·42 | | 9 |
| 10 | Snow<br>0·18 | 0·02 | 0·03 | | | 0·06 | Tr. | 0·33 | 0·23 | 0·09 | 0·05 | 0·04 | | 10 |
| 11 | 0·33 | 0·01 | 0·16 | | | 0·32 | | | Tr. | 0·03 | 0·03 | | | 11 |
| 12 | Snow<br>0·43 | 0·16 | | | | 0·01 | | | 0·02 | | Tr. | | | 12 |
| 13 | 0·01 | | 0·01 | 0·34 | 0·10 | 0·20 | 0·07 | | 0·10 | 0·05 | | | | 13 |
| 14 | 0·45 | | | 0·01 | 0·22 | 0·33 | 0·66 | | | 0·02 | 0·21 | | | 14 |
| 15 | 0·13 | Tr. | | 0·47 | 0·06 | 0·75 | 0·15 | | | Tr. | 0·04 | | | 15 |
| 16 | 0·04 | Tr. | 0·03 | Tr. | 0·22 | | 0·07 | | | 0·09 | 0·11 | | | 16 |
| 17 | 0·66 | 0·17 | Tr. | 0·02 | 0·08 | 0·05 | 0·06 | | | 0·43 | 0·07 | | | 17 |
| 18 | 0·15 | 0·14 | 0·03 | Tr. | | 0·27 | 0·11 | | | | 1·10 | | | 18 |
| 19 | 0·22 | 0·01 | | | | 0·02 | 0·21 | | | | 0·02 | | | 19 |
| 20 | 0·03 | | 0·03 | | 0·01 | 0·15 | 0·30 | 0·28 | 0·01 | Tr. | Tr. | | | 20 |
| 21 | 0·11 | 0·05 | 0·44 | 0·08 | 0·09 | | 1·50 | 0·09 | 0·04 | | Tr. | | | 21 |
| 22 | 0·03 | 0·17 | 0·19 | 0·18 | | | 0·11 | | | Tr. | 0·60 | Tr. | | 22 |
| 23 | Tr. | 0·45 | 0·03 | 0·34 | | 0·03 | 0·04 | | | 0·28 | 0·18 | 0·02 | | 23 |
| 24 | 0·01 | 0·08 | | 0·03 | | 0·02 | 0·03 | Tr. | | 0·05 | 0·03 | | | 24 |
| 25 | 0·11 | 0·15 | | 0·01 | | | Tr. | | | Tr. | 0·76 | Tr. | | 25 |
| 26 | Tr. | 0·02 | Tr. | | | | | | | 0·04 | 0·26 | | | 26 |
| 27 | 0·03 | 1·42 | 0·02 | 0·02 | | 0·29 | 0·04 | 0·18 | | Tr. | 0·15 | Snow<br>0·07 | | 27 |
| 28 | | 0·11 | 0·14 | 0·02 | | 0·03 | 0·55 | | | | 0·55 | Snow<br>Tr. | | 28 |
| 29 | | X | Tr. | | | Tr. | 1·04 | | | 0·06 | 0·07 | | | 29 |
| 30 | | ✕ | | | | 0·04 | 0·12 | | | | 0·12 | Snow<br>0·03 | | 30 |
| 31 | | ✕ | | ✕ | | ✕ | 0·10 | | ✕ | | ✕ | | | 31 |
| TOTAL | 4·80 | 3·65 | 1·70 | 2·34 | 1·35 | 2·57 | 6·85 | 1·59 | 0·92 | 1·66 | 4·98 | 3·16 | Year's Total<br>35·57 | |
| * Days with .01 in. or more. | 24 | 19 | 17 | 17 | 11 | 15 | 24 | 9 | 6 | 14 | 25 | 11 | 192 | |
| * Days with .04 in. or more. | 19 | 14 | 6 | 9 | 8 | 10 | 22 | 9 | 4 | 11 | 20 | 9 | 141 | |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) C. J. Girling

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 2831

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 19~~3~~40

Kept at Peel Green, Eccles.

in the County of Lancashire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" Ground " Sea Level 71.95 ft.

Jan 26-27 cord for snow.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | | Snow<br>0.02 | | 0.15 | | | | | 0.01 | | 0.26 | 0.08 | | 1 |
| 2 | | Snow<br>0.01 | | 0.22 | | | 0.06 | | | | 0.23 | 0.20 | | 2 |
| 3 | Tr. | 0.06 | Tr. | 0.22 | | | 0.09 | | 0.02 | 0.12 | 0.03 | 0.10 | | 3 |
| 4 | | 0.07 | Tr. | | | | 0.04 | | | 0.09 | 0.24 | 0.25 | | 4 |
| 5 | | | | | 0.20 | | 0.19 | | Tr. | 0.34 | 0.06 | 0.26 | | 5 |
| 6 | 0.07 | 0.29 | | | Tr. | | 0.02 | | | 0.55 | 0.13 | 0.02 | | 6 |
| 7 | 0.01 | 0.17 | 0.01 | 0.16 | 0.06 | | 0.05 | 0.11 | 0.17 | Tr. | | Tr. | | 7 |
| 8 | Tr. | | Tr. | 0.02 | | | Tr. | 0.02 | Tr. | 0.15 | Tr. | 0.27 | | 8 |
| 9 | | | 0.26 | | | | 1.02 | 0.16 | 0.20 | 0.31 | 1.10 | 0.15 | | 9 |
| 10 | | | 0.03 | | Tr. | | 0.37 | 0.18 | Tr. | 0.24 | 0.30 | 0.28 | | 10 |
| 11 | | Snow<br>0.02 | 0.06 | 0.05 | Tr. | 0.04 | Tr. | | | 0.01 | 1.04 | Tr. | | 11 |
| 12 | | Snow<br>Tr | 0.41 | | | 0.04 | 0.04 | 0.03 | 0.20 | | 0.34 | | | 12 |
| 13 | | Snow<br>Tr | 0.25 | | | | | 0.04 | 0.24 | | 0.02 | 0.05 | | 13 |
| 14 | | Snow<br>0.02 | Tr. | 0.20 | 0.11 | | 0.11 | 0.12 | 0.15 | | 0.08 | 0.24 | | 14 |
| 15 | 0.04 | | 0.01 | 0.05 | 0.26 | 0.03 | | Tr. | 0.05 | | 0.06 | 0.02 | | 15 |
| 16 | Snow<br>0.02 | Snow<br>0.05 | 0.09 | 0.17 | | | 0.17 | | 1.11 | 0.43 | 0.09 | 0.08 | | 16 |
| 17 | | | 0.67 | 0.02 | 0.08 | | 0.06 | | 0.05 | 0.01 | 0.65 | 0.03 | | 17 |
| 18 | Snow<br>0.04 | Snow<br>0.19 | 0.15 | 0.15 | | | 0.01 | 0.37 | 0.23 | Tr. | Tr. | 0.15 | | 18 |
| 19 | Snow<br>Tr. | 0.21 | 0.11 | 0.01 | | | 0.19 | | 0.29 | Tr. | 0.13 | Tr. | | 19 |
| 20 | | 0.01 | | 0.16 | | | 0.52 | 0.21 | 0.04 | 0.22 | 0.06 | | | 20 |
| 21 | | | 0.04 | | | 0.43 | 0.15 | Tr. | 0.03 | 0.03 | 0.73 | | | 21 |
| 22 | | 0.04 | 0.06 | | 0.19 | 0.03 | | 0.05 | 0.43 | Tr. | Tr. | | | 22 |
| 23 | | 0.18 | 0.02 | 0.10 | 0.09 | | 0.05 | Tr. | 0.10 | | 0.09 | | | 23 |
| 24 | 0.24 | | 0.04 | | Tr. | Tr. | | | 0.01 | Tr. | Tr. | 0.02 | | 24 |
| 25 | | | | Tr. | Tr. | 0.03 | 0.11 | | Tr. | | | | | 25 |
| 26 | (1.11)<br>Snow<br>~~0.61~~ | 0.06 | 0.01 | 0.01 | 0.01 | 0.07 | 0.05 | Tr. | Tr. | | 0.04 | | | 26 |
| 27 | Snow<br>(.84)<br>~~0.34~~ | 0.31 | | | Tr. | Tr. | 0.40 | Tr. | Tr. | | 0.07 | Tr. | | 27 |
| 28 | Snow<br>0.02 | 0.21 | | | 0.02 | | | 0.04 | | | | Tr. | | 28 |
| 29 | Snow<br>0.01 | | 0.19 | Tr. | Tr. | 0.27 | 0.05 | | | 0.01 | 0.02 | 0.45 | | 29 |
| 30 | Snow<br>0.01 | ✕ | | | | | | | | 0.24 | 0.02 | 0.24 | | 30 |
| 31 | Snow<br>0.08 | ✕ | 0.11 | ✕ | 0.04 | ✕ | | 0.08 | ✕ | 0.68 | ✕ | 0.02 | | 31 |
| TOTAL | 2.49<br>~~1.49~~ | 1.92 | 2.52 | 1.69 | 1.06 | 0.94 | 3.75 | 1.41 | 3.33 | 3.43 | 5.79 | 2.91 | Year's Total<br>~~30.24~~ | 31.24 |
| * Days with .01 in. or more. | 12 | 17 | 18 | 15 | 10 | 8 | 21 | 12 | 17 | 15 | 23 | 19 | 187 | |
| * Days with .04 in. or more. | 7 | 12 | 13 | 11 | 8 | 5 | 19 | 10 | 13 | 11 | 19 | 14 | 142 | |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(Signed) C. J. Girling

P.T.O.

SALFORD (WEASTE SEW. W

Section **A** for the entry of

AIR MINISTR

FORM 1090

**REGIS**

Kept at Sewage V

in the County of S. Lanca

Diameter of Funnel of Gauge.......

Height of top of Gauge above Gr

,, Ground ,, Sea

THE MORNING MEASUR

*An observer who does not conform*

*year in the space on the right of th*

Ple

# 2831/3

# SALFORD, SEWAGE WKS.

# 1938, 1940

780501

tion No. 2831/3

ORGANIZATION

FILE Nº 757815/38

12

WD from Nov. 2015

obsvn (8A 1ft)

/38

Cw 16.4.39

DAY

llowing

Jan. 1, following

| Date | Jan. | Feb. | Mar. | A |  |  |  |  |  |  |  | Dec. |  | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † |  |
| 1 | — | ·16 | — | ·01 | — | ·68 | ·02 | ·08 | – | ·04 | ·15 | ·09 |  | 1 |
| 2 | ·03 | ·01 | — | ·22 | ·02 | ·27 | ·02 | – | ·01 | ·55 | ·04 | ·31 |  | 2 |
| 3 | ·02 | — | — | ·01 | – | ·03 | ·11 | – | ·15 | ·88 | ·16 | ·19 |  | 3 |
| 4 | ·02 | — | — | ·06 | – | ·03 | ·08 | ·08 | – | ·11 | ·03 | ·02 |  | 4 |
| 5 | ·06 | — | — | ·03 | – | ·05 | ·04 | ·01 | ·18 | ·52 | – | ·60 |  | 5 |
| 6 | ·16 | ·02 | — | — | – | ·05 | ·39 | – | ·54 | ·21 | – | ·07 |  | 6 |
| 7 | ·25 | ·01 | — | — | – | – | ·44 | ·08 | ·18 | ·11 | – | ·01 |  | 7 |
| 8 | ·58 | — | — | — | – | – | ·29 | ·04 | – | ·61 | – | – |  | 8 |
| 9 | ·05 | ·31 | ·19 | – | – | ·33 | ·30 | ·04 | – | ·01 | – | ·21 |  | 9 |
| 10 | ·03 | ·03 | ·04 | – | – | ·03 | ·66 | – | – | ·14 | – | ·21 |  | 10 |
| 11 | ·24 | ·05 | — | — | ·05 | ·03 | ·25 | ·06 | ·03 | ·10 | ·08 | ·04 |  | 11 |
| 12 | ·06 | — | – | – | ·12 | – | ·02 | ·61 | – | ·98 | ·25 | ·03 |  | 12 |
| 13 | ·03 | ·03 | – | – | ·01 | – | ·04 | – | ·07 | ·13 | ·12 | – |  | 13 |
| 14 | ·22 | ·01 | – | – | ·07 | – | ·09 | – | ·09 | – | – | ·29 |  | 14 |
| 15 | ·24 | — | – | – | ·01 | – | ·35 | ·22 | – | ·07 | – | ·01 |  | 15 |
| 16 | ·28 | – | ·03 | – | ·21 | – | ·21 | ·04 | ·01 | ·01 | ·09 | ·12 |  | 16 |
| 17 | — | – | — | – | ·31 | – | ·07 | ·07 | ·07 | ·23 | ·02 | ·09 |  | 17 |
| 18 | ·04 | – | — | – | ·16 | ·25 | – | ·10 | ·17 | ·33 | ·18 | ·03 |  | 18 |
| 19 | — | – | — | – | – | – | – | ·21 | ·02 | – | — | – |  | 19 |
| 20 | ·18 | – | ·02 | – | – | – | ·01 | ·02 | ·01 | ·01 | – | ·02 |  | 20 |
| 21 | — | — | ·02 | – | – | ·03 | – | ·05 | – | – | ·43 | – |  | 21 |
| 22 | — | — | – | ·03 | – | ·28 | – | – | – | – | ·05 | ·01 |  | 22 |
| 23 | — | — | — | – | ·10 | ·16 | – | – | ·04 | – | ·21 | ·01 |  | 23 |
| 24 | ·21 | ·11 | ·19 | – | ·05 | ·11 | ·02 | ·46 | ·03 | ·01 | ·31 | – |  | 24 |
| 25 | ·05 | ·29 | ·06 | ·01 | ·01 | ·09 | ·09 | ·02 | – | ·53 | ·15 | – |  | 25 |
| 26 | ·15 | ·19 | ·28 | – | ·04 | ·08 | ·01 | ·03 | ·05 | ·38 | ·69 | ·05 |  | 26 |
| 27 | ·46 | ·07 | ·01 | – | ·42 | ·30 | ·08 | ·27 | ·06 | – | ·35 | ·11 |  | 27 |
| 28 | ·13 | ·04 | ·06 | – | ·04 | ·53 | ·13 | ·24 | ·05 | ·07 | ·25 | – |  | 28 |
| 29 | ·21 | X | ·15 | – | 1·42 | ·19 | ·16 | – | – | ·08 | ·01 | ·15 |  | 29 |
| 30 | ·21 | ✕ | – | – | ·13 | ·01 | – | – | ·35 | – | ·06 | ·41 |  | 30 |
| 31 | ·22 | ✕ | ·03 | ✕ | ·35 | ✕ | – | – | ✕ | ·45 | ·09<br>✕ | ·04<br>·89 |  | 31 |
| TOTAL | 4·13 ✓ | 1·33 ✓ | 1·08 ✓ | 0·37 ✓ | 3·52 ✓ | 3·53 ✓ | 3·88 ✓ | 2·73 ✓ | 2·11 ✓ | 6·56 | (3·72) ✓<br>~~3·63~~ | 92<br>~~3·12~~ ✓ | Year's Total<br>~~35·99~~ 36·88 | ✓ |
| * Days with .01 in. or more. | 25 | 14 | 12 | 7 | 18 | 20 | 24 | 20 | 19 | 24 | $20^{1}$ | 24 | $227^{8}$ | ✓ |
| * Days with .04 in. or more. | 20 | 8 | 7 | 2 | 14 | 14 | 18 | 16 | 13 | 20 | $17^{8}$ | 16 | $165^{6}$ | ✓ |

print eB 26/4/39

THE CITY ENGINEER

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(Signed) Walter Walker

P.T.O.

SALFORD/WEASTE SEW. W

Section **A** for the entry of Daily Observations

Station No. 2831/3

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FILE Nº 757815/38

FORM 1090

# REGISTER OF RAINFALL IN 1938

Kept at Sewage Works, Salford

in the County of S. Lancaster / 3

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 2 ft. 9 in.

,, Ground ,, Sea Level 80 ft.

Circ C sent 18/4/39 CR. map 12

WD from Nov. 20th

Value for 31st Dec supplied by observer (8A of 1.1)

Cw 26.4.39

f. 757815/38

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | — | ·16 | — | ·01 | — | ·68 | ·02 | ·08 | - | ·04 | ·15 | ·09 | | 1 |
| 2 | ·03 | ·01 | — | ·22 | ·02 | ·27 | ·02 | - | ·01 | ·55 | ·04 | ·31 | | 2 |
| 3 | ·02 | — | — | ·01 | - | ·03 | ·11 | - | ·15 | ·88 | ·16 | ·19 | | 3 |
| 4 | ·02 | — | — | ·06 | - | ·03 | ·08 | ·08 | — | ·11 | ·03 | ·02 | | 4 |
| 5 | ·06 | — | — | ·03 | - | ·05 | ·04 | ·01 | ·18 | ·52 | — | ·60 | | 5 |
| 6 | ·16 | ·02 | — | — | — | ·05 | ·39 | — | ·54 | ·21 | - | ·07 | | 6 |
| 7 | ·25 | ·01 | — | — | — | - | ·44 | ·08 | ·18 | ·11 | — | ·01 | | 7 |
| 8 | ·58 | — | — | — | - | - | ·29 | ·04 | - | ·61 | — | — | | 8 |
| 9 | ·05 | ·31 | ·19 | - | - | ·33 | ·30 | ·04 | - | ·01 | - | ·21 | | 9 |
| 10 | ·03 | ·03 | ·04 | — | - | ·03 | ·66 | - | - | ·14 | — | ·21 | | 10 |
| 11 | ·24 | ·05 | — | — | ·05 | ·03 | ·25 | ·06 | ·03 | ·10 | ·08 | ·04 | | 11 |
| 12 | ·06 | — | — | - | ·12 | - | ·02 | ·61 | — | ·98 | ·25 | ·03 | | 12 |
| 13 | ·03 | ·03 | — | — | ·01 | - | ·04 | - | ·07 | ·13 | ·12 | - | | 13 |
| 14 | ·22 | ·01 | — | — | ·07 | - | ·09 | - | ·09 | — | — | ·29 | | 14 |
| 15 | ·24 | — | — | - | ·01 | - | ·35 | ·22 | — | ·07 | - | ·01 | | 15 |
| 16 | ·28 | — | ·03 | — | ·21 | - | ·21 | ·04 | ·01 | ·01 | ·09 | ·12 | | 16 |
| 17 | — | — | — | - | ·31 | - | ·07 | ·07 | ·07 | ·23 | ·02 | ·09 | | 17 |
| 18 | ·04 | — | — | — | ·16 | ·25 | — | ·10 | ·17 | ·33 | ·18 | ·03 | | 18 |
| 19 | — | — | — | - | — | - | - | ·21 | ·02 | — | — | - | | 19 |
| 20 | ·18 | — | ·02 | - | — | - | ·01 | ·02 | ·01 | ·01 | — | ·02 | | 20 |
| 21 | — | — | ·02 | — | - | ·03 | - | ·05 | - | - | ·43 | - | | 21 |
| 22 | — | — | — | ·03 | — | ·28 | - | - | - | - | ·05 | ·01 | | 22 |
| 23 | — | — | — | - | ·10 | ·16 | - | - | ·04 | - | ·21 | ·01 | | 23 |
| 24 | ·21 | ·11 | ·19 | - | ·05 | ·11 | ·02 | ·46 | ·03 | ·01 | ·31 | - | | 24 |
| 25 | ·05 | ·29 | ·06 | ·01 | ·01 | ·09 | ·09 | ·02 | - | ·53 | ·15 | - | | 25 |
| 26 | ·15 | ·19 | ·28 | - | ·04 | ·08 | ·01 | ·03 | ·05 | ·38 | ·69 | ·05 | | 26 |
| 27 | ·46 | ·07 | ·01 | - | ·42 | ·30 | ·08 | ·27 | ·06 | - | ·35 | ·11 | | 27 |
| 28 | ·13 | ·04 | ·06 | - | ·04 | ·53 | ·13 | ·24 | ·05 | ·07 | ·25 | - | | 28 |
| 29 | ·21 | X | ·15 | - | 1·42 | ·19 | ·16 | - | - | ·08 | ·01 | ·15 | | 29 |
| 30 | ·21 | | - | — | ·13 | ·01 | - | - | ·35 | - | ·06 | ·41 | | 30 |
| 31 | ·22 | | ·03 | | ·35 | | - | — | | ·45 | ·09 | ~~·04~~ ·84 | | 31 |
| TOTAL | 4·13 ✓ | 1·33 ✓ | 1·08 ✓ | 0·37 ✓ | 3·52 ✓ | 3·53 ✓ | 3·88 ✓ | 2·73 ✓ | 2·11 ✓ | 6·56 ✓ | ~~3·63~~ 3·72 ✓ | ~~3·12~~ 3·92 ✓ | Year's Total ~~35·99~~ 36·88 | ✓ |
| * Days with .01 in. or more. | 25 | 14 | 12 | 7 | 18 | 20 | 24 | 20 | 19 | 24 | ~~20~~ 21 | 24 | ~~227~~ 228 | ✓ |
| * Days with .04 in. or more. | 20 | 8 | 7 | 2 | 14 | 14 | 18 | 16 | 13 | 20 | ~~17~~ 18 | 16 | ~~165~~ 166 | ✓ |

print ep 26/4/39

THE CITY ENGINEER

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(Signed) Walbert Walker

P.T.O.

COPY FOR OFFICIAL USE

~~Section~~ **A** for the entry of Daily Observations

Station No. 2831/3

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 19~~3~~40

*Kept at* SALFORD SEWAGE WORKS

*in the County of* LANCASHIRE

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft..........in.

,, Ground ,, Sea Level ..................ft.

Jan 26·27 corr for snow

757815/38

N.R 1939

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | – | 0·02 | – | 0·14 | – | – | – | – | 0·03 | – | 0·28 | 0·11 | | 1 |
| 2 | – | ·02 | – | ·27 | – | – | 0·04 | – | – | – | ·26 | ·22 | | 2 |
| 3 | – | ·05 | 0·01 | ·19 | – | – | ·09 | – | ·02 | 0·17 | ·03 | ·12 | | 3 |
| 4 | – | ·05 | – | ·01 | – | – | ·03 | – | – | ·12 | ·24 | ·24 | | 4 |
| 5 | – | – | – | – | 0·20 | – | ·47 | – | – | ·36 | ·02 | ·29 | | 5 |
| 6 | 0·06 | ·26 | – | – | – | – | ·03 | – | – | ·55 | ·09 | ·05 | | 6 |
| 7 | ·02 | ·17 | – | ·19 | ·06 | – | ·06 | 0·12 | ·14 | ·01 | – | – | | 7 |
| 8 | – | – | ·01 | ·03 | ·01 | – | – | ·02 | ·01 | ·17 | – | ·27 | | 8 |
| 9 | – | – | ·27 | – | – | – | ·96 | ·26 | ·27 | ·32 | 1·10 | ·22 | | 9 |
| 10 | – | – | ·02 | – | – | 0·01 | ·39 | ·18 | ·02 | ·18 | 0·40 | ·36 | | 10 |
| 11 | – | ·02 | ·06 | ·07 | – | ·08 | ·01 | – | – | – | 1·11 | ·01 | | 11 |
| 12 | – | – | ·46 | – | – | ·03 | ·09 | ·03 | ·24 | – | 0·26 | – | | 12 |
| 13 | – | – | ·29 | – | – | – | – | ·04 | ·21 | – | ·02 | ·04 | | 13 |
| 14 | – | ·03 | ·01 | ·07 | ·12 | – | ·04 | ·13 | ·09 | – | ·13 | ·26 | | 14 |
| 15 | – | – | ·01 | ·12 | ·08 | ·04 | – | – | ·07 | – | ·06 | ·02 | | 15 |
| 16 | ·05 | ·02 | ·11 | ·15 | – | – | ·18 | – | 1·18 | ·52 | ·06 | ·11 | | 16 |
| 17 | – | – | ·72 | – | ·12 | – | ·15 | – | 0·08 | ·01 | ·61 | ·03 | | 17 |
| 18 | ·02 | ·19 | ·15 | ·21 | – | – | ·02 | ·36 | ·26 | ·01 | ·02 | ·19 | | 18 |
| 19 | – | ·24 | ·17 | ·01 | – | – | ·21 | – | ·36 | – | ·17 | ·01 | | 19 |
| 20 | – | – | – | ·17 | – | – | ·38 | ·24 | ·04 | ·21 | ·07 | – | | 20 |
| 21 | – | – | ·06 | – | – | ·41 | ·22 | ·01 | ·03 | ·03 | ·77 | – | | 21 |
| 22 | – | ·04 | ·04 | – | ·18 | ·09 | – | ·07 | ·45 | – | – | – | | 22 |
| 23 | – | ·20 | ·02 | ·11 | ·21 | – | ·03 | – | ·06 | – | ·09 | – | | 23 |
| 24 | ·25 | ·01 | ·04 | – | – | – | – | – | ·02 | – | – | – | | 24 |
| 25 | – | – | – | – | ·01 | ·03 | ·05 | – | – | – | – | – | | 25 |
| 26 | (1·05) ~~·45~~ | ·06 | ·01 | – | ·01 | ·02 | ·22 | – | – | – | ·03 | – | | 26 |
| 27 | (·85) ~~·45~~ | ·30 | – | – | ·01 | ·01 | ·61 | – | – | – | ·13 | – | | 27 |
| 28 | ·08 | ·25 | – | – | ·03 | – | – | ·04 | – | – | – | – | | 28 |
| 29 | – | – | ·22 | – | – | ·24 | ·04 | – | – | ·01 | – | ·70 | | 29 |
| 30 | ·02 | ✕ | – | – | – | – | – | – | – | ·28 | ·01 | ·01 | | 30 |
| 31 | ·12 | ✕ | ·13 | ✕ | ·03 | ✕ | – | ·06 | ✕ | ·77 | ✕ | ·12 | | 31 |
| TOTAL | 2·52 ~~1·52~~ | 1·93 | 2·81 | 1·74 | 1·07 | 0·96 | 4·32 | 1·56 | 3·58 | 3·72 | 5·96 | 3·38 | Year's Total ~~32·55~~ | 33·55 |
| * Days with .01 in. or more. | 10 | 17 | 20 | 14 | 13 | 10 | 22 | 13 | 19 | 16 | 23 | 20 | 197 | Print |
| * Days with .04 in. or more. | 7 | 11 | 13 | 11 | 7 | 5 | 17 | 10 | 13 | 11 | 17 | 15 | 137 | SH |

1·37

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(Signed) ~~Walbert Walker~~

P.T.O.

2831/5

Section **A** for the entry of
AIR MINISTRY

FORM 1090.

# REGIS

*Kept at* ~~Eccles (Cavend~~

*in the County of* Lanca

Diameter of Funnel of Gauge

Height of top of Gauge above Groun

,, Ground ,, Sea L

**THE MORNING MEASURI**

*An observer who does not conform to*
*year in the space on the right of th*

2831

ECCLES, CAVENDISH GROVE

1934 —38

780501

ation No.

ORGANIZATION

4. vIII Shares 13

Number.

with a Home made
gauge has been tested
and found Correct,
certificate.
gauge on order.

*llowing*

gessential

Jan. 1, following

| Date | Jan. | Feb. | Mar. | | | | | | | | | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | 0·11 | — | tr | - | — | — | — | 0·03 | 0·53. | 0·07 | 0·22 | 0·59 | | 1 |
| 2 | 0·01 | — | 0·14 | - | — | — | — | ✓ | — | tr | 0·27 | 0·18 | | 2 |
| 3 | 0·04 | 0·03 | — | - | tr | — | — | ✓ | — | 0·09 | 0·03 | 0·02 | | 3 |
| 4 | 0·24 | — | 0·11 | ✓ | 0·08 | — | — | ✓ | — | 0·91 | — | 1·04 | | 4 |
| 5 | — | — | 0·04 | 0·15 | 0·04 | — | — | ✓ | — | 0·09 | tr | 0·08 | | 5 |
| 6 | tr | — | 0·07 | ✓ | 0·43 | 0·06 | — | ✓ | — | 0·22 | — | 0·29 | | 6 |
| 7 | 0·33 | 0·01 | 0·09 | ✓ | tr | 0·05 | — | - | — | 0·06 | 0·11 | 0·21 | | 7 |
| 8 | — | tr | 0·01 | | 0·07 | 0·30 | — | 1·18 | — | 0·07 | 0·71 | 0·01 | | 8 |
| 9 | — | 0·02 | 0·24 | ✓ | — | — | — | ✓ | — | tr | 0·31 | 0·04 | | 9 |
| 10 | tr | 0·02 | 0·31 | ✓ | — | — | — | ✓ | — | 0·31 | 0·01 | 0·01 | | 10 |
| 11 | 0·04 | tr | 0·04 | 0·24 | — | — | — | ✓ | — | — | tr | 0·08 | | 11 |
| 12 | tr | — | tr | 0·07 | — | — | 0·07 | ✓ | — | 0·07 | tr | 0·05 | | 12 |
| 13 | 0·32 | — | — | 0·06 | 0·07 | — | 0·11 | - | — | 0·07 | — | tr | | 13 |
| 14 | 0·21 | — | 0·21 | — | 0·05 | tr | — | - | — | 0·38 | 0·05 | 0·04 | | 14 |
| 15 | 0·21 | tr | 0·20 | tr | 0·63 | tr | tr | 0·11 | 0·24 | 0·04 | tr | 0·20 | | 15 |
| 16 | 0·34 | 0·02 | 0·11 | — | 0·07 | — | tr | — | — | 0·11 | — | 0·07 | | 16 |
| 17 | 0·20 | — | 0·23 | tr | 0·10 | — | 0·29 | 0·02 | 0·29 | 0·04 | — | 0·11 | | 17 |
| 18 | 0·19 | — | 0·13 | 0·26 | 0·42 | 0·11 | — | 0·02 | — | tr | — | 0·09 | | 18 |
| 19 | — | tr | 0·17 | tr | 0·07 | 0·52 | — | — | 0·21 | 0·14 | — | 0·03 | | 19 |
| 20 | — | — | 0·01 | 0·08 | 0·16 | 0·03 | — | tr | 0·13 | 0·07 | tr | 0·01 | | 20 |
| 21 | 0·04 | — | 0·05 | tr | tr | 0·30 | — | 0·05 | 0·11 | 0·09 | — | tr | | 21 |
| 22 | 0·04 | — | 0·02 | — | — | tr | — | 0·22 | 0·45 | 0·08 | tr | 0·02 | | 22 |
| 23 | — | — | 0·13 | 0·56 | 0·03 | tr | 0·37 | 0·04 | 0·01 | 0·20 | 0·07 | 0·09 | | 23 |
| 24 | — | 0·23 | 0·03 | 0·18 | tr | 0·06 | tr | — | 0·12 | 0·06 | tr | tr | | 24 |
| 25 | 0·01 | 0·10 | — | 0·13 | 0·03 | tr | 0·17 | — | 0·12 | 0·17 | — | 0·46 | | 25 |
| 26 | — | — | tr | 0·09 | — | 0·07 | 0·11 | — | 0·16 | 0·05 | tr | 0·05 | | 26 |
| 27 | — | — | — | 0·05 | 0·01 | 0·19 | 0·23 | — | 0·01 | 0·21 | 0·02 | 0·38 | | 27 |
| 28 | — | — | — | 0·01 | — | 0·38 | 0·07 | 0·23 | tr | 0·19 | — | 0·48 | | 28 |
| 29 | — | ✕ | — | — | — | — | 0·08 | 0·34 | 0·46 | 0·70 | — | 0·08 | | 29 |
| 30 | 0·08 | ✕ | — | — | — | — | tr | 0·08 | 0·10. | 0·19 | tr. | — | | 30 |
| 31 | — | ✕ | — | ✕ | — | ✕ | 0·40 | tr. | ✕ | tr. | ✕ | 0·23 | | 31 |
| TOTAL | 2·41 | 0·43 | 2·34 | 1·88 | 2·26 | 2·07. | 1·90 | 2·32. | 2·94 | 4·68 | 1·80. | 4·97 | Year's Total.<br>~~30·00~~ | 30.00<br>(192) |
| * Days with .01 in. or more. | 16 | 7 | 20 | (16) | 15 | 11 | 10 | (20) | 14 | 26. | 10 | 27 | ~~(192)~~<br>~~[illegible]~~ | ~~Sat~~ (156) |
| * Days with .04 in. or more. | 14. | 2. | 16 | (12) | 12 | 10. | 10. | (14) | 12. | 26. | 7. | 21 | ~~15~~<br>~~[illegible]~~ | ~~304 Days~~ |

40-9999

* See Instruction 2 (f) on other side.

N

† Spare column, no entries required.

(*Signed*) ~~T. Geoffrey Barlow~~ X T. G. Barlow Esq X

[P.T.O.

2831/5

Section **A** for the entry of ~~Daily Observations.~~ Station No.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090.

# REGISTER OF RAINFALL IN 1934.

viii Shares | 3

*Kept at* X Eccles (Cavendish Grove) X

*in the County of* Lancashire

Diameter of Funnel of Gauge 6¼ in.

Height of top of Gauge above Ground 1 ft 6 in.

,, Ground ,, Sea Level 91 ft.

Days to be Est

Have not recieved a Station Number.

These records were taken with a Home made gauge of Pattern "C". The gauge has been tested on numerous occasions and found Correct, though it has NOT an M.O. Certificate.

I have a 5 in M.O. gauge on order.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.* Offered returns from homemade g. Told standard g essential

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | 0·11 | — | tr | - | — | — | — | 0·03 | 0·53. | 0·07 | 0·22 | 0·59 | | 1 |
| 2 | 0·01 | — | 0·14 | - | — | — | — | ✓ | — | tr | 0·27 | 0·18 | | 2 |
| 3 | 0·04 | 0·03 | — | - | tr | — | — | ✓ | — | 0·09 | 0·03 | 0·02 | | 3 |
| 4 | 0·24 | — | 0·11 | ✓ | 0·08 | — | — | ✓ | — | 0·91 | — | 1·07 | | 4 |
| 5 | — | — | 0·04 | 0·15 | 0·04 | — | — | ✓ | — | 0·09 | tr | 0·08 | | 5 |
| 6 | tr | — | 0·07 | ✓ | 0·43 | 0·06 | — | ✓ | — | 0·22 | — | 0·29 | | 6 |
| 7 | 0·33 | 0·01 | 0·09 | ✓ | tr | 0·05 | — | - | — | 0·06 | 0·11 | 0·21 | | 7 |
| 8 | — | tr | 0·01 | | 0·07 | 0·30 | — | 1·18 | — | 0·07 | 0·71 | 0·01 | | 8 |
| 9 | — | 0·02 | 0·24 | ✓ | — | — | — | ✓ | — | tr | 0·31 | 0·04 | | 9 |
| 10 | tr | 0·02 | 0·31 | ✓ | — | — | — | ✓ | — | 0·31 | 0·01 | 0·01 | | 10 |
| 11 | 0·04 | tr | 0·04 | 0·24 | — | — | — | ✓ | — | — | tr | 0·08 | | 11 |
| 12 | tr | — | tr | 0·07 | — | — | 0·07 | ✓ | — | 0·07 | tr | 0·05 | | 12 |
| 13 | 0·32 | — | — | 0·06 | 0·07 | — | 0·11 | - | — | 0·07 | — | tr | | 13 |
| 14 | 0·21 | — | 0·21 | — | 0·05 | tr | — | - | — | 0·38 | 0·05 | 0·04 | | 14 |
| 15 | 0·21 | tr | 0·20 | tr | 0·63 | tr | tr | 0·11 | 0·24 | 0·04 | tr | 0·20 | | 15 |
| 16 | 0·34 | 0·02 | 0·11 | — | 0·07 | — | tr | — | — | 0·11 | — | 0·07 | | 16 |
| 17 | 0·20 | — | 0·23 | tr | 0·10 | — | 0·29 | 0·02 | 0·29 | 0·04 | — | 0·11 | | 17 |
| 18 | 0·19 | — | 0·13 | 0·26 | 0·42 | 0·11 | — | 0·02 | — | tr | — | 0·09 | | 18 |
| 19 | — | tr | 0·17 | tr | 0·07 | 0·52 | — | — | 0·21 | 0·14 | — | 0·03 | | 19 |
| 20 | — | — | 0·01 | 0·08 | 0·16 | 0·03 | — | tr | 0·13 | 0·07 | tr | 0·01 | | 20 |
| 21 | 0·04 | — | 0·05 | tr | tr | 0·30 | — | 0·05 | 0·11 | 0·09 | — | tr | | 21 |
| 22 | 0·04 | — | 0·02 | — | — | tr | — | 0·22 | 0·45 | 0·08 | tr | 0·02 | | 22 |
| 23 | — | — | 0·13 | 0·56 | 0·03 | tr | 0·37 | 0·04 | 0·01 | 0·20 | 0·07 | 0·09 | | 23 |
| 24 | — | 0·23 | 0·03 | 0·18 | tr | 0·06 | tr | — | 0·12 | 0·06 | tr | tr | | 24 |
| 25 | 0·01 | 0·10 | — | 0·13 | 0·03 | tr | 0·17 | — | 0·12 | 0·17 | — | 0·46 | | 25 |
| 26 | — | — | tr | 0·09 | — | 0·07 | 0·11 | — | 0·16 | 0·05 | tr | 0·05 | | 26 |
| 27 | — | — | — | 0·05 | 0·01 | 0·19 | 0·23 | — | 0·01 | 0·21 | 0·02 | 0·38 | | 27 |
| 28 | — | — | — | 0·01 | — | 0·38 | 0·07 | 0·23 | tr | 0·19 | — | 0·48 | | 28 |
| 29 | — | X | — | — | — | — | 0·08 | 0·34 | 0·46 | 0·70 | — | 0·08 | | 29 |
| 30 | 0·08 | X | — | — | — | — | tr | 0·08 | 0·10. | 0·19 | tr. | - | | 30 |
| 31 | — | X | — | X | — | X | 0·40 | tr. | X | tr. | X | 0·23 | | 31 |
| TOTAL | 2·41 | 0·43 | 2·34 | 1·88 | 2·26 | 2·07. | 1·90 | 2·32. | 2·94 | 4·68 | 1·80. | 4·97 | Year's Total.<br>~~30·00~~ | 30.00<br>(192) |
| * Days with .01 in. or more. | 16 | 7 | 20 | (16) | 15 | 11 | 10 | (20) | 14 | 26. | 10 | 27 | [illegible] | ~~[illegible]~~ (156) |
| * Days with .04 in. or more. | 14. | 2. | 16 | (12) | 12 | 10. | 10. | (14) | 12. | 26. | 7. | 21 | [illegible] | ~~[illegible]~~ Days |

V. agreement [illegible]

40-9999

* See Instruction 2 (f) on other side.

N

† Spare column, no entries required.

(*Signed*) ~~L. Geoffrey Barlow~~ X T. G. Barlow Esq X

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.
Station No. 2831/5.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1935.

*Kept at* Eccles
*in the County of* Lancashire
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 6 in.
,, Ground ,, Sea Level 91 ft.

The rainfall during the whole of January was taken from a gauge of type C overleaf. The rest with type A.

*Aug. 25th – 26th. Reading omitted on 25th. More than ·04 on both days.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf.

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·56 | ·34 | ·01 | ·01 | — | — | ·05 | — | ·24 | ·34 | ·09 | ·63 | | 1 |
| 2 | ·01 | ·14 | ·04 | — | — | ·35 | tr | — | — | ·05 | ·03 | ·23 | | 2 |
| 3 | ·08 | ·45 | ·08 | ·06 | — | ·05 | ·21 | — | ·05 | ·08 | ·09 | ·24 | | 3 |
| 4 | — | ·01 | tr | ·02 | — | ·10 | — | — | ·17 | ·19 | — | ·01 | | 4 |
| 5 | — | ·30 | ·07 | ·29 | — | ·29 | — | — | ·11 | trace | ·35 | ·33 | | 5 |
| 6 | — | — | — | ·06 | — | ·36 | — | — | ·34 | — | — | — | | 6 |
| 7 | — | — | — | ·04 | — | ·31 | — | — | trace | ·15 | ·29 | ·24 | | 7 |
| 8 | — | — | — | ·09 | — | ·08 | — | — | — | ·02 | ·21 | ·52 | | 8 |
| 9 | tr | ·01 | tr | ·18 | — | ·07 | — | — | — | 1·52 | ·09 | — | | 9 |
| 10 | — | ·05 | — | ·05 | — | — | trace | — | — | ·19 | ·16 | — | | 10 |
| 11 | ·37 | ·04 | — | tr | — | ·18 | — | trace | — | ·27 | ·07 | trace | | 11 |
| 12 | tr | ·06 | — | — | — | ·71 | — | — | ·02 | — | trace | — | | 12 |
| 13 | ·19 | ·02 | — | ·05 | ·25 | ·01 | — | — | ·13 | ·01 | — | — | | 13 |
| 14 | — | — | — | — | trace | ·06 | — | — | ·04 | — | 1·01 | ·32 | | 14 |
| 15 | — | ·50 | — | ·33 | ·05 | trace | ·06 | — | ·20 | ·01 | ·04 | ·52 | | 15 |
| 16 | — | ·19 | ·10 | ·21 | ·01 | ·13 | ·07 | trace | ·57 | trace | ·31 | — | | 16 |
| 17 | — | ·04 | — | ·31 | ·34 | ·26 | ·28 | ·29 | ·27 | ·05 | ·33 | ·06 | | 17 |
| 18 | — | — | — | ·17 | ·12 | ·08 | ·08 | ·03 | ·46 | ·15 | ·01 | ·03 | | 18 |
| 19 | tr | tr | — | ·24 | ·10 | ·29 | ·17 | ·01 | trace | ·07 | ·27 | ·02 | | 19 |
| 20 | tr. | ·45 | — | ·56 | trace | ·16 | ·06 | — | — | trace | trace | ·06 | | 20 |
| 21 | — | ·24 | ·02 | — | — | trace | — | trace | ·98 | ·15 | — | ·32 | | 21 |
| 22 | trace | ·13 | ·01 | — | — | — | — | — | ·09 | — | ·01 | — | | 22 |
| 23 | ·02 | — | ·55 | ·01 | — | — | — | ·21 | ·24 | ·41 | — | — | | 23 |
| 24 | ·29 | ·27 | ·06 | — | — | — | — | ·05 | 1·01 | ·08 | — | ·11 | | 24 |
| 25 | ·25 | tr | ·07 | — | — | ·06 | — | x * ·79 | ·01 | — | ·03 | ·02 | | 25 |
| 26 | — | tr | — | — | — | — | trace | x | ·43 | ·14 | ·24 | ·29 | | 26 |
| 27 | — | tr | — | — | — | ·08 | ·14 | trace | ·33 | ·65 | ·37 | ·03 | | 27 |
| 28 | ·02 | ·05 | — | — | ·02 | — | — | ·01 | ·10 | ·43 | ·07 | trace | | 28 |
| 29 | ~~trace~~ | × | ·02 | — | — | trace | — | ·06 | ·32 | ·17 | ·05 | ·07 | | 29 |
| 30 | ·08 | | — | ·01 | — | ·19 | — | ·15 | ·18 | ·33 | ·65 | ·13 | | 30 |
| 31 | ·04 | | ·03 | | — | | — | — | | ·18 | | ·20 | | 31 |
| TOTAL | 1·91 | 3·29 | 1·06 | 2·69 | 0·89 | 3·82 | 1·12 | 1·60 | 6·29 | 5·64 | 4·77 | 4·38 | Year's Total<br>37·46 | |
| * Days with .01 in. or more. | 11 | 18 | 12 | 18 | 7 | 20 | 9 | 10 ✓ | 22 | 23 | 22 | 21 | 193 | |
| * Days with .04 in. or more. | 8 | 15. | 7. | 14 | 5. | 19 | 9 | 7 ✓ | 20 | 20 | 18 | 16. | 158 | |

Print

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

*(Signed)* T. Geoffrey Barlow.

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2831/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1936.

*Kept at* Eccles

*in the County of* Lancashire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 91 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

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Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | Tr | ·03 | ·01 | ·21 | — | ·01 | — | ·22 | ·06 | — | ·24 | ·25 | | 1 |
| 2 | ·06 | ·06 | Tr | ·12 | — | ·50 | — | ·23 | Tr | — | ·05 | ·15 | | 2 |
| 3 | ·09 | — | — | — | — | ·08 | ·04 | ·17 | 1·17 | — | — | ·01 | | 3 |
| 4 | ·17 | ·27 | ·20 | — | — | — | — | ·01 | ·62 | — | ·21 | ·23 | | 4 |
| 5 | ·03 | ·12 | ·28 | — | — | — | ·01 | ·31 | ·12 | Tr | — | ·44 | | 5 |
| 6 | ·01 | — | Tr | — | Tr | ·01 | ·05 | ·25 | ·68 | — | ·04 | — | | 6 |
| 7 | — | — | ·08 | — | — | — | ·06 | — | ·61 | — | ·08 | ·36 | | 7 |
| 8 | ·15 | — | ·15 | — | — | — | — | — | ·01 | — | ·45 | ·10 | | 8 |
| 9 | ·29 | — | ·01 | — | — | — | ·50 | — | ·09 | Tr | ·46 | — | | 9 |
| 10 | ·04 | — | — | — | — | — | ·09 | — | Tr | — | ·44 | Tr | | 10 |
| 11 | — | — | — | Tr | — | ·14 | ·34 | ·01 | ·01 | — | ·34 | ·02 | | 11 |
| 12 | — | — | — | ·05 | ·08 | ·63 | ·30 | ·05 | ·32 | ·07 | ·04 | ·01 | | 12 |
| 13 | Tr | — | — | Tr | — | ·01 | ·03 | — | — | ·12 | — | ·29 | | 13 |
| 14 | — | — | Tr | ·02 | — | ·27 | ·04 | ·05 | ·45 | ·14 | ·28 | ·50 | | 14 |
| 15 | ·25 | Tr | — | ·08 | ·18 | ·07 | ·03 | ·07 | ·07 | Tr | ·39 | ·02 | | 15 |
| 16 | ·05 | ·07 | ·02 | ·11 | ·01 | Tr | ·05 | — | — | ·01 | ·73 | ·04 | | 16 |
| 17 | ·07 | ·33 | — | Tr | — | — | ·08 | ·05 | — | ·31 | ·03 | ·05 | | 17 |
| 18 | — | ·02 | — | ·05 | — | ·12 | ·26 | ·10 | — | ·54 | — | — | | 18 |
| 19 | ·23 | ·13 | Tr | ·21 | — | ·12 | ·24 | ·37 | — | ·54 | — | — | | 19 |
| 20 | ·59 | ·04 | ·07 | — | — | — | ·02 | — | — | ·01 | — | ·01 | | 20 |
| 21 | ·21 | — | Tr | ·04 | — | ·14 | — | — | — | ·08 | — | Tr | | 21 |
| 22 | ·11 | ·21 | ·04 | — | Tr | ·47 | ·24 | — | — | Tr | — | ·06 | | 22 |
| 23 | — | Tr | ·10 | ·11 | — | — | ·44 | — | — | ·04 | — | Tr | | 23 |
| 24 | ·10 | Tr | — | ·04 | ·06 | — | Tr | — | ·25 | ·36 | ·01 | ·02 | | 24 |
| 25 | ·38 | — | Tr | ·03 | — | — | ·03 | — | ·47 | ·09 | — | ·03 | | 25 |
| 26 | Tr | ·18 | ·01 | ·01 | — | — | ·01 | — | ·13 | ·44 | — | Tr | | 26 |
| 27 | ·85 | Tr | — | — | — | Tr | — | — | ·03 | ·44 | — | — | | 27 |
| 28 | ·13 | ·15 | ·06 | Tr | — | — | ·22 | — | — | Tr | Tr | ·09 | | 28 |
| 29 | ·08 | ·14. | ·51 | — | ·11 | ·65 | Tr | — | — | ·11 | ·21 | ·15 | | 29 |
| 30 | ·18 | ✕ | Tr | — | ·30 | Tr | ·35 | Tr | — | ·35 | ·15. | — | | 30 |
| 31 | ·10. | ✕ | ·01 | ✕ | — | ✕ | ·10 | ·02 | ✕ | — | ✕ | ·25 | | 31 |
| TOTAL | 4·17 | 1·75 | 1·55 | 1·08 | 0·74 | 3·22 | 3·53 | 1·91 | 5·09 | 3·65 | 4·15 | 3·08 | Year's Total 33·92 | ✓ |
| * Days with .01 in. or more. | 22 | 13 | 14 | 13 | 6 | 14 | 23 | 14 | 16 | 16 | 17 | 21 | 189 | ✓ |
| * Days with .04 in. or more. | 20 | 11 | 9 | 10 | 5 | 11 | 17 | 11 | 13 | 14. | 15. | 14. | 150 | ✓ |

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) T. G. Barlow B.Sc. [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 2831/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1937

*Kept at* Eccles

*in the County of* Lancashire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 91 ft.

File Number 300962/34.
Mar. 12th '04"

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

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Jan. 1, following
✓

**Please read the Notes and Instructions Overleaf**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | | |
| 1 | ·02 | ·19 | ·02 | — | — | ·02 | tr | — | ·32 | ·01 | — | ·23 | | | 1 |
| 2 | ·03 | ·18 | ·07 | ·14 | — | — | ·01 | — | — | — | — | tr | | | 2 |
| 3 | — | ·06 | ·02 | ·08 | ·14 | ·46 | ·09 | — | tr | — | ·14 | — | | | 3 |
| 4 | ·23 | ·02 | ·01 | ·05 | ·11 | — | ·01 | ·02 | — | — | — | ·61 | | | 4 |
| 5 | ·91 | tr | ·02 | ·01 | tr | ·02 | tr | — | — | — | — | ·21 | | | 5 |
| 6 | ·13 | — | — | ·10 | ·12 | tr | — | ·32 | ·01 | tr | tr | ·04 | | | 6 |
| 7 | tr. | ·21 | tr | ·29 | — | ·09 | — | — | ·04 | — | — | — | | | 7 |
| 8 | tr. | ·61 | — | ·05 | ·03 | ·08 | ·24 | — | tr | — | ·04 | — | | | 8 |
| 9 | — | ·12 | tr | ·03 | ·32 | ·01 | ·49 | ·14 | — | — | — | — | | | 9 |
| 10 | — | ·11 | ·05 | — | tr | ·07 | ·08 | ·11 | — | — | — | ·21 | | | 10 |
| 11 | tr | ·03 | ·10 | — | ·40 | — | tr | — | — | — | — | — | | | 11 |
| 12 | tr | ·43 | ·04 | — | ·02 | ·08 | ·03 | ·01 | ·33 | — | — | ·11 | | | 12 |
| 13 | — | ·16 | ·02 | tr | — | ·18 | — | ·69 | ·01 | — | — | ·21 | | | 13 |
| 14 | — | ·03 | ·04 | — | — | — | tr | ·43 | ·02 | tr | ·04 | ·09 | | | 14 |
| 15 | ·22 | ·22 | — | ·28 | — | — | ·52 | — | ·06 | — | — | ·02 | | | 15 |
| 16 | ·05 | ·39 | ·13 | ·27 | — | — | — | ·09 | ·05 | — | — | — | | | 16 |
| 17 | ·03 | ·05 | ·23 | ·09 | ·07 | ·03 | — | tr | — | — | — | — | | | 17 |
| 18 | ·47 | ·17 | ·07 | ·34 | — | — | ·02 | ·13 | ·03 | — | ·40 | — | | | 18 |
| 19 | ·10 | ·08 | ·04 | ·15 | — | ·01 | ·06 | ·02 | — | — | ·44 | — | | | 19 |
| 20 | ·07 | ·01 | — | ·23 | ·22 | ·05 | ·07 | — | — | — | — | ·22 | | | 20 |
| 21 | tr | ·07 | ·03 | ·17 | tr | — | ·25 | — | — | ·04 | — | ·04 | | | 21 |
| 22 | ·06 | ·15 | ·07 | ·03 | ·02 | — | ·02 | — | — | ·35 | ·19 | ·13 | | | 22 |
| 23 | ·11 | — | tr | — | ·45 | — | ·11 | — | — | ·29 | ·20 | — | | | 23 |
| 24 | ·12 | ·22 | ·13 | — | tr | — | ·01 | — | ·26 | ·21 | — | ·04 | | | 24 |
| 25 | ·03 | ·39 | — | — | — | — | tr | ·08 | — | ·02 | — | ·05 | | | 25 |
| 26 | — | ·21 | ·16 | — | ·43 | — | — | tr | tr | — | — | ·01 | | | 26 |
| 27 | tr | ·80 | tr | ·19 | — | — | — | — | — | ·38 | — | ·02 | | | 27 |
| 28 | tr | ·02 | tr | — | — | tr. | — | — | — | ·15 | — | — | | | 28 |
| 29 | ·01 | × | — | — | — | ·06 | — | — | — | ·02 | ·08 | tr | | | 29 |
| 30 | ·09 | × | — | — | — | ·31 | — | tr | tr. | ·07 | ·52 | — | | | 30 |
| 31 | ·29 | × | — | × | — | × | — | ·05 | × | tr. | × | — | | | 31 |
| TOTAL | 2·97 | 4·93 | 1·25 | 2·50 | 2·33 | 1·47. | 2·01 | 2·09 | 1·13 | 1·54. | 2·05 | 2·24 | Year's Total 26·51 | ✓ ✓ | |
| * Days with .01 in. or more. | 18 | 25 | 18 | 17 | 12 | 14 | 15 | 12 | 10 | 10 | 9 | 16 | 176 | ✓ ✓ | |
| * Days with .04 in. or more. | 13 | 20 | 12 | 14. | 9 | 9 | 9 | 9 | 6 | 7 | 9 | 13 | 130 | ✓ ✓ | |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) J. Geoffrey Barlow

[P.T.O.

## COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations
Station No. 2831/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1938.

*Kept at* Eccles
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Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
,, Ground ,, Sea Level 91 ft.

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Jan. 1, following

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| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | — | ·08 | — | ·03 | tr | ·59 | | | | | | | | 1 |
| 2 | ·02 | tr | — | ·25 | ·01 | ·27 | | | | | | | | 2 |
| 3 | ·01 | — | — | — | — | | | | | | | | | 3 |
| 4 | ·02 | — | — | ·06 | — | | | | | | | | | 4 |
| 5 | ·07 | — | — | ·02 | — | | | | | | | | | 5 |
| 6 | ·17 | ·01 | — | — | — | | | | | | | | | 6 |
| 7 | ·31 | — | — | — | — | | | | | | | | | 7 |
| 8 | ·54 | — | — | — | — | | | | | | | | | 8 |
| 9 | ·02 | ·32 | ·20 | — | tr | | | | | | | | | 9 |
| 10 | ·02 | ·06 | ·05 | — | — | ·07 | | | | | | | | 10 |
| 11 | ·21 | ·06 | — | — | ·05 | ·27 | | | | | | | | 11 |
| 12 | ·06 | — | — | — | ·15 | — | | | | | | | | 12 |
| 13 | ·01 | ·06 | — | — | ·01 | — | | | | | | | | 13 |
| 14 | ·22 | ·01 | — | — | ·07 | tr | | | | | | | | 14 |
| 15 | ·26 | — | — | — | ·02 | tr | | | | | | | | 15 |
| 16 | ·31 | — | ·02 | — | ·16 | — | | | | | | | | 16 |
| 17 | — | tr | — | — | ·54 | | | | | | | | | 17 |
| 18 | ·02 | — | — | — | ·10 | # | | | | | | | | 18 |
| 19 | — | — | tr | — | tr | | | | | | | | | 19 |
| 20 | ·17 | — | ·01 | — | — | | | | | | | | | 20 |
| 21 | — | — | ·01 | — | — | | | | | | | | | 21 |
| 22 | tr | — | — | ·02 | — | | | | | | | | | 22 |
| 23 | — | — | — | — | ·10 | | | | | | | | | 23 |
| 24 | ·18 | ·10 | ·18 | — | ·03 | | | | | | | | | 24 |
| 25 | ·06 | ·29 | ·06 | — | ·01 | | | | | | | | | 25 |
| 26 | ·17 | ·21 | ·29 | — | ·04 | | | | | | | | | 26 |
| 27 | ·50 | ·08 | tr | — | ·41 | | | | | | | | | 27 |
| 28 | ·15 | ·02 | ·07 | — | ·01 | | | | | | | | | 28 |
| 29 | ·31 | ✕ | ·15 | — | 1·37 | | | | | | | | | 29 |
| 30 | ·21 | ✕ | tr | — | ·18 | | | | | | | | | 30 |
| 31 | ·20 | ✕ | ·04 | ✕ | ·37 | ✕ | | | ✕ | | ✕ | | | 31 |
| TOTAL | 4·22 | 1·30 | 1·08 | ·38 | 3·63 | | | | | | | | Year's Total | |
| * Days with .01 in. or more. | 25 | 12 | 11 | 5 | 18 | | | | | | | | | |
| * Days with .04 in. or more. | 18 | 9 | 8 | 2 | 12 | | | | | | | | | |

# Terminated. Observer unable to take regular obs. at present

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) T. Geoffrey Barlow. B.Sc. [P.T.O.

2832

—

2832

MANCHESTER, GODLEE OBSERV.

1931 ——35, 1937

780501

Section **A** for the entry of

AIR MINISTRY

FORM 1090.

**REGIST**

PY FOR OFFICIAL USE.

ORGANIZATION.

*Kept at* Godlee Observa

*in the County of* Lanca

Diameter of Funnel of Gauge

Height of top of Gauge above Groun

,, Ground ,, Sea L

**THE MORNING MEASU**

*An observer who does not conform to*
*year in the space on the right of thi*

*owing*

Jan. 1, following

| *Date* | **Jan.** | **Feb.** | **March** | | | | | | | | **Nov.** | **Dec.** | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | | | | | | | | in. | in. | |
| 1 | 0·110 | – | – | 0·110 | – | – | – | 0·002 | 0·060 | 0·020 | – | – | 1 |
| 2 | 0·075 | 0·065 | – | 0·760 | 0·027 | 0·880 | – | – | 0·948 | 0·007 | 0·035 | 0·028 | 2 |
| 3 | 0·003 | – | – | 0·035 | – | – | 0·280 | – | 0·425 | – | 0·860 | 0·392 | 3 |
| 4 | – | 0·020 | – | 0·360 | – | – | 0·130 | 0·210 | 0·500 | 0·018 | 0·005 | 0·315 | 4 |
| 5 | – | 0·160 | – | – | 0·155 | 0·920 | 0·080 | 0·866 | 0·035 | – | – | 0·165 | 5 |
| 6 | – | 0·275 | – | 0·001 | 0·075 | 0·350 | 0·540 | 0·010 | 0·175 | 0·518 | 0·335 | – | 6 |
| 7 | – | 0·012 | 0·001 | – | – | 0·278 | – | 0·600 | – | 0·050 | 0·047 | 0·040 | 7 |
| 8 | 0·050 | 0·055 | 0·015 | 0·180 | 0·008 | 0·025 | 0·175 | 0·145 | 0·095 | 0·010 | 0·220 | 0·001 | 8 |
| 9 | 0·012 | 0·404 | 0·005 | 0·140 | – | 0·360 | – | 0·390 | 0·070 | 0·005 | 0·180 | 0·047 | 9 |
| 10 | 0·080 | 0·082 | – | – | 0·170 | 0·065 | – | 0·060 | 0·130 | – | 0·335 | 0·001 | 10 |
| 11 | 0·348 | 0·235 | – | 0·040 | – | 0·009 | 0·040 | – | 0·525 | – | 0·215 | 0·001 | 11 |
| 12 | 0·023 | 0·295 | – | – | – | – | 0·400 | 0·011 | 0·025 | 0·125 | 0·103 | 0·002 | 12 |
| 13 | – | – | 0·060 | – | 0·055 | – | 0·069 | 0·192 | – | – | – | – | 13 |
| 14 | 0·155 | 0·112 | 0·002 | – | 0·020 | 0·983 | 0·089 | 0·850 | 0·002 | – | 0·520 | 0·010 | 14 |
| 15 | 0·228 | 0·272 | – | 0·150 | 0·090 | – | 0·295 | 1·077 | – | – | 0·005 | 0·083 | 15 |
| 16 | 0·350 | 0·110 | – | 0·260 | 0·372 | 0·435 | 0·030 | 0·855 | 0·280 | – | – | – | 16 |
| 17 | 0·035 | 0·020 | – | 0·066 | 0·180 | 0·008 | 0·105 | 0·470 | 0·005 | – | 0·170 | – | 17 |
| 18 | 0·418 | – | – | 0·040 | – | 0·452 | 0·465 | 0·110 | – | – | 0·840 | – | 18 |
| 19 | 0·188 | 0·170 | – | 0·025 | – | – | 0·125 | 0·915 | 0·015 | 0·020 | 0·003 | – | 19 |
| 20 | 0·008 | 0·224 | 0·090 | – | – | 0·055 | – | 0·520 | 0·001 | – | 0·020 | 0·010 | 20 |
| 21 | 0·450 | 0·030 | 0·025 | – | 0·100 | 0·080 | – | 0·192 | – | – | 0·062 | – | 21 |
| 22 | 0·050 | 0·045 | – | 0·030 | 0·260 | 0·058 | – | – | – | – | 0·090 | – | 22 |
| 23 | 0·675 | – | 0·045 | 0·035 | 0·045 | 0·125 | 0·430 | – | – | – | 0·260 | 0·155 | 23 |
| 24 | 0·150 | 0·195 | – | 0·027 | 0·695 | – | 0·010 | – | – | – | 0·010 | 0·040 | 24 |
| 25 | 0·225 | 0·642 | – | 0·330 | 0·045 | – | 0·003 | – | – | – | 0·030 | 0·050 | 25 |
| 26 | 0·015 | 0·010 | – | 0·470 | – | – | – | – | – | – | 0·455 | 0·006 | 26 |
| 27 | 0·376 | 0·110 | – | 0·080 | 0·260 | – | 0·105 | – | – | 0·289 | 0·725 | 0·030 | 27 |
| 28 | 0·454 | 0·235 | – | 0·008 | 0·060 | – | 0·055 | – | 0·030 | 0·008 | 0·002 | 0·076 | 28 |
| 29 | 0·155 | × | – | – | 0·087 | – | 0·140 | – | – | 0·608 | 0·040 | – | 29 |
| 30 | – | × | – | 0·055 | – | – | 0·015 | – | 0·060 | – | – | – | 30 |
| 31 | 0·095 | × | | × | – | × | 0·420 | – | × | 0·003 | × | 0·030 | 31 |
| TOTAL | 4·73<br>~~4·728~~ | 3·78<br>~~3·778~~ | ·24<br>~~0·243~~ | 3·20<br>~~3·202~~ | 2·70<br>~~2·704~~ | 5·08<br>~~5·083~~ | 4·00<br>~~4·001~~ | 7·47<br>~~7·465~~ | 3·38<br>~~3·381~~ | 1·68<br>~~1·681~~ | 5·57<br>~~5·567~~ | 1·48<br>~~1·482~~ | YEAR'S TOTAL<br>43·315 |
| *Days with ·01 in. or more. | 23 | 23 | 5 | 19 | 17 | 14 | 21 | 17 | 15 | 9 | 21 | 15 | 199 |
| *Days with ·04 in. or more. | 19 | 18 | 3 | 14 | 15 | 13 | 18 | 15 | 11 | 5 | 17 | 10 | 158 |

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*See Instruction 2 (*f*) on other side.

X THE CURATOR

(Signed) Winifred Jenkins [P.T.O.

P.P. W. C. Jenkins (deceased) November.

2832

Section **A** for the entry of PY FOR OFFICIAL USE.
AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1931.

*Kept at* Godlee Observatory Manchester
*in the County of* Lancaster

Diameter of Funnel of Gauge 8 in.
Height of top of Gauge above Ground 1 ft 6 in.
,, Ground ,, Sea Level 140 ft.

Totals

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | 0.110 | – | – | 0.110 | – | – | – | 0.002 | 0.060 | 0.020 | – | – | 1 |
| 2 | 0.075 | 0.065 | – | 0.760 | 0.027 | 0.880 | – | – | 0.948 | 0.007 | 0.035 | 0.028 | 2 |
| 3 | 0.003 | – | – | 0.035 | – | – | 0.280 | – | 0.425 | – | 0.860 | 0.392 | 3 |
| 4 | – | 0.020 | – | 0.360 | – | – | 0.130 | 0.210 | 0.500 | 0.018 | 0.005 | 0.315 | 4 |
| 5 | – | 0.160 | – | – | 0.155 | 0.920 | 0.080 | 0.866 | 0.035 | – | – | 0.165 | 5 |
| 6 | – | 0.275 | – | 0.001 | 0.075 | 0.350 | 0.540 | 0.010 | 0.175 | 0.518 | 0.335 | – | 6 |
| 7 | – | 0.012 | 0.001 | – | – | 0.278 | – | 0.600 | – | 0.050 | 0.047 | 0.040 | 7 |
| 8 | 0.050 | 0.055 | 0.015 | 0.180 | 0.008 | 0.025 | 0.175 | 0.145 | 0.095 | 0.010 | 0.220 | 0.001 | 8 |
| 9 | 0.012 | 0.404 | 0.005 | 0.140 | – | 0.360 | – | 0.390 | 0.070 | 0.005 | 0.180 | 0.047 | 9 |
| 10 | 0.080 | 0.082 | – | – | 0.170 | 0.065 | – | 0.060 | 0.130 | – | 0.335 | 0.001 | 10 |
| 11 | 0.348 | 0.235 | – | 0.040 | – | 0.009 | 0.040 | – | 0.525 | – | 0.215 | 0.001 | 11 |
| 12 | 0.023 | 0.295 | – | – | – | – | 0.400 | 0.011 | 0.025 | 0.125 | 0.103 | 0.002 | 12 |
| 13 | – | – | 0.060 | – | 0.055 | – | 0.069 | 0.192 | – | – | – | – | 13 |
| 14 | 0.155 | 0.112 | 0.002 | – | 0.020 | 0.983 | 0.089 | 0.850 | 0.002 | – | 0.520 | 0.010 | 14 |
| 15 | 0.228 | 0.272 | – | 0.150 | 0.090 | – | 0.295 | 1.077 | – | – | 0.005 | 0.083 | 15 |
| 16 | 0.350 | 0.110 | – | 0.260 | 0.372 | 0.435 | 0.030 | 0.855 | 0.280 | – | – | – | 16 |
| 17 | 0.035 | 0.020 | – | 0.066 | 0.180 | 0.008 | 0.105 | 0.470 | 0.005 | – | 0.170 | – | 17 |
| 18 | 0.418 | – | – | 0.040 | – | 0.452 | 0.465 | 0.110 | – | – | 0.840 | – | 18 |
| 19 | 0.188 | 0.170 | – | 0.025 | – | – | 0.125 | 0.915 | 0.015 | 0.020 | 0.003 | – | 19 |
| 20 | 0.008 | 0.224 | 0.090 | – | – | 0.055 | – | 0.520 | 0.001 | – | 0.020 | 0.010 | 20 |
| 21 | 0.450 | 0.030 | 0.025 | – | 0.100 | 0.080 | – | 0.192 | – | – | 0.062 | – | 21 |
| 22 | 0.050 | 0.045 | – | 0.030 | 0.260 | 0.058 | – | – | – | – | 0.090 | – | 22 |
| 23 | 0.675 | – | 0.045 | 0.035 | 0.045 | 0.125 | 0.430 | – | – | – | 0.260 | 0.155 | 23 |
| 24 | 0.150 | 0.195 | – | 0.027 | 0.695 | – | 0.010 | – | – | – | 0.010 | 0.040 | 24 |
| 25 | 0.225 | 0.642 | – | 0.330 | 0.045 | – | 0.003 | – | – | – | 0.030 | 0.050 | 25 |
| 26 | 0.015 | 0.010 | – | 0.470 | – | – | – | – | – | – | 0.455 | 0.006 | 26 |
| 27 | 0.376 | 0.110 | – | 0.080 | 0.260 | – | 0.105 | – | – | 0.289 | 0.725 | 0.030 | 27 |
| 28 | 0.454 | 0.235 | – | 0.008 | 0.060 | – | 0.055 | – | 0.030 | 0.008 | 0.002 | 0.076 | 28 |
| 29 | 0.155 | X | – | – | 0.087 | – | 0.140 | – | – | 0.608 | 0.040 | – | 29 |
| 30 | – | X | – | 0.055 | – | – | 0.015 | – | 0.060 | – | – | – | 30 |
| 31 | 0.095 | X | | X | – | X | 0.420 | – | X | 0.003 | X | 0.030 | 31 |
| TOTAL | 4.73<br>~~4.728~~ | 3.78<br>~~3.778~~ | ·24<br>~~0.243~~ | 3.20<br>~~3.202~~ | 2.70<br>~~2.704~~ | 5.08<br>~~5.083~~ | 4.00<br>~~4.001~~ | 7.47<br>~~7.465~~ | 3.38<br>~~3.381~~ | 1.68<br>~~1.681~~ | 5.57<br>~~5.567~~ | 1.48<br>~~1.482~~ | YEAR'S TOTAL<br>43.315 |
| *Days with ·01 in. or more. | 23 | 23 | 5 | 19 | 17 | 14 | 21 | 17 | 15 | 9 | 21 | 15 | 199 |
| *Days with ·04 in. or more. | 19 | 18 | 3 | 14 | 15 | 13 | 18 | 15 | 11 | 5 | 17 | 10 | 158 |

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*See Instruction 2 (*f*) on other side.

X THE CURATOR (*Signed*) Winifred Jenkins [P.T.O.

P.P. W. C. Jenkins (deceased) November.

## COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2832

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1932.

*Kept at* Manchester Godlee Observatory

*in the County of* S. Lancashire

Diameter of Funnel of Gauge ........ in.

Height of top of Gauge above Ground ........ ft ........ in.

,, Ground ,, Sea Level ........ ft.

March, May & July adjusted by Whitworth Park.

1932 figures recd. XI/33 from Manchester Corpn. Rivers Dept.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | | | | | | ~~1·020~~ | | | | | | 0·202 | | 1 |
| 2 | | | | | | | | | | | (·169)<br>~~1·469~~ | 0·032 | | 2 |
| 3 | | | | | | | | (·011)<br>~~0·701~~ | | | | 0·270 | | 3 |
| 4 | | | + | | (·505)<br>~~1·015~~ | | | | | | | | | 4 |
| 5 | | | ·50 | | | | | | | (·405)<br>~~0·565~~ | | 0·188 | | 5 |
| 6 | | | | (·85)<br>~~1·880~~ | | | (·393)<br>~~0·593~~ | | | | | 0·002 | | 6 |
| 7 | | | | | | | | | 1·432 | | | | | 7 |
| 8 | | | 0·009 | | | 0·000 | | | | | | | | 8 |
| 9 | | | | | | | | | | | 0·196 | | | 9 |
| 10 | | | | | | | | 0·018 | | | | 0·004 | | 10 |
| 11 | | | | | 0·232 | | +·50 | | | | | | | 11 |
| 12 | | | | | | | | | | 1·699 | | | | 12 |
| 13 | | | | 0·838 | | | 0·302 | | | | | | | 13 |
| 14 | | | | | 0·637 | | | | 0·855 | | | 0·122 | | 14 |
| 15 | | (·097)<br>~~0·167~~ | | | | 0·049 | | | | | | 0·041 | | 15 |
| 16 | | | | | | | | | | | 0·063 | 0·028 | | 16 |
| 17 | | | | | +·50 | | | 0·227 | | | | 0·031 | | 17 |
| 18 | | | | | | | | | | | | | | 18 |
| 19 | | | | | 0·250 | | | | | 1·583 | | | | 19 |
| 20 | | | | 0·276 | | | 1·129 | | | | | | | 20 |
| 21 | | | | | | | | | 0·061 | | | 0·014 | | 21 |
| 22 | | | | | | 0·000 | | | | | | 0·014 | | 22 |
| 23 | | | | | | | | | | | 0·930 | 0·019 | | 23 |
| 24 | | | | | +1·00 | | | 0·510 | | | 0·230 | 0·019 | | 24 |
| 25 | 3·348 | | | | 0·713 | | 0·534 | | | | 0·178 | | | 25 |
| 26 | | | | | | | | | | 2·008 | 0·222 | | | 26 |
| 27 | | | | 0·713 | | | | | | | | 0·053 | | 27 |
| 28 | | | | | | | +·50 | | 0·498 | | 0·220 | | | 28 |
| 29 | | | | | | 0·102 | | | | | 0·001 | | | 29 |
| 30 | | × | | (·51) | | (·200) | | | (·160) | | 0·065 | 0·185 | | 30 |
| 31 | (·07) | × | (1·03) | × | (1·020) | × | (·690) | 0·443 | × | (1·300) | × | 0·060 | | 31 |
| TOTAL | 3·418 | ·097 | (1·539) | 3·187 | (4·857) | ·351 | (4·048) | 1·209 | 3·006 | 6·995 | 2·274 | 1·284 | Year's Total 32·265 | |
| *Days with ·01 in. or more. | | | | | | | | | | | | | | |
| *Days with ·04 in. or more. | | | | | | | | | | | | | | |

40-9999

† Spare column, no entries required.

*See Instruction 2 (*f*) on other side.

(*Signed*) ........

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2832

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1933.

*Kept at* ~~Godlee Observatory, Manchester~~

*in the County of* Lancashire

Diameter of Funnel of Gauge 8 1/8 in.

Height of top of Gauge above Ground 1 ft 2½ in.

,, Ground ,, Sea Level 130 ft.

June adjusted by Whitworth park.

S Lancs/3

1932 late pk

282563/33

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | Not taken | 0·18 | 0·0 | 0·01 | 0·06 | 0·0 | 0·0 | 0·03 | 0·0 | Not taken | 0·28 | 0·0 | | 1 |
| 2 | " | 0·40 | 0·0 | Not taken | 0·0 | 0·0 | Not taken | 0·01 | 0·0 | 0·0 | 0·22 | 0·0 | | 2 |
| 3 | " | 0·0 | 0·11 | 0·21 | 0·0 | 0·20 | 0·0 | 0·08 | Not taken | 0·0 | 0·0 | Not taken | | 3 |
| 4 | 0·42 | 0·47 | 0·16 | 0·0 | 0·49 | Not taken | 0·0 | 0·0 | 0·0 | 0·0 | 0·04 | 0·0 | | 4 |
| 5 | 0·24 | Not taken | Not taken | 0·0 | 0·11 | " | 0·0 | 0·0 | 0·0 | 0·0 | Not taken | 0·0 | | 5 |
| 6 | 0·17 | 0·29 | 0·16 | 0·0 | 0·11 | " | 0·0 | Not taken | 0·0 | 0·0 | 0·03 | 0·0 | | 6 |
| 7 | 0·0 | 0·15 | 0·07 | 0·0 | Not taken | " | 0·0 | " | 0·0 | 0·0 | 0·0 | 0·02 | | 7 |
| 8 | Not taken | 0·30 | 0·04 | 0·0 | 0·12 | " ·50 | 0·35 | 0·02 | 0·0 | Not taken | 0·0 | 0·0 | | 8 |
| 9 | 0·29 | 0·04 | 0·15 | Not taken | 0·08 | " | Not taken | 0·0 | 0·0 | 0·87 | 0·0 | 0·01 | | 9 |
| 10 | 0·0 | 0·34 | 0·0 | 0·14 | 0·0 | " | 0·69 | 0·0 | Not taken | 0·43 | 0·16 | Not taken | | 10 |
| 11 | 0·06 | 0·05 | 0·0 | 0·0 | 0·0 | " | 0·05 | 0·0 | 0·0 | 0·92 | 0·16 | 0·0 | | 11 |
| 12 | 0·0 | Not taken | Not taken | 0·03 | 0·0 | 0·50 | 0·44 | 0·0 | 0·0 | 0·19 | Not taken | 0·04 | | 12 |
| 13 | 0·0 | 0·0 | 0·0 | 0·0 | 0·0 | 0·08 | 0·27 | Not taken | 0·0 | 0·34 | 0·07 | 0·02 | | 13 |
| 14 | 0·0 | 0·0 | 0·0 | Not taken | Not taken | 0·0 | 0·34 | 0·02 | 0·06 | 0·10 | 0·05 | 0·0 | | 14 |
| 15 | Not taken | 0·0 | 0·02 | 0·0 | 0·19 | 0·0 | 0·02 | 0·05 | 0·0 | Not taken | 0·22 | 0·0 | | 15 |
| 16 | 0·48 | 0·0 | 0·12 | 0·0 | 0·0 | 0·0 | Not taken | 0·06 | 0·0 | 0·42 | 0·14 | 0·0 | | 16 |
| 17 | 0·13 | 0·0 | 0·12 | 0·0 | 0·02 | 0·01 | 0·0 | 0·01 | Not taken | 0·10 | 0·01 | Not taken | | 17 |
| 18 | 0·04 | 0·0 | 0·04 | 0·02 | 0·0 | ·70 ~~Not taken~~ | 0·15 | 0·16 | 0·03 | 0·0 | 0·0 | 0·0 | | 18 |
| 19 | 0·02 | Not taken | Not taken | 0·0 | 0·0 | ·41 | 0·0 | 0·0 | 0·0 | 0·0 | Not taken | 0·0 | | 19 |
| 20 | 0·0 | 0·0 | 0·63 | 0·0 | 0·0 | 0·05 | 0·0 | Not taken | 0·31 | 0·0 | 0·06 | 0·0 | | 20 |
| 21 | 0·0 | 0·11 | 0·0 | 0·0 | Not taken | 0·06 | 0·0 | 0·29 | 0·0 | 0·0 | 0·0 | 0·0 | | 21 |
| 22 | 0·0 | 0·01 | 0·0 | 0·0 | 0·0 | 0·50 | 0·0 | 0·33 | 0·0 | Not taken | 0·0 | 0·0 | | 22 |
| 23 | 0·0 | 0·0 | 0·0 | Not taken | 0·07 | 0·41 | Not taken | 0·09 | 0·0 | 0·05 | 0·0 | 0·0 | | 23 |
| 24 | 0·0 | 0·0 | 0·0 | 0·19 | 0·04 | 0·04 | 0·0 | 0·0 | Not taken | 0·07 | 0·0 | Not taken | | 24 |
| 25 | 0·0 | 0·17 | 0·0 | 0·11 | 0·0 | Not taken | 0·0 | 0·0 | 0·62 | 0·0 | 0·0 | " | | 25 |
| 26 | 0·0 | Not taken | Not taken | 0·08 | 0·0 | 0·01 | 0·0 | 0·0 | 0·11 | 0·0 | Not taken | " | | 26 |
| 27 | 0·0 | 0·62 | 0·0 | 0·20 | 0·0 | 0·0 | 0·0 | Not taken | 0·0 | 0·29 | 0·0 | " | | 27 |
| 28 | 0·0 | 0·01 | 0·0 | 0·0 | Not taken | 0·0 | 0·0 | 0·0 | 0·03 | 0·0 | 0·0 | 0·09 | | 28 |
| 29 | 0·0 | | 0·0 | 0·03 | 0·05 | 0·0 | 0·03 | 0·0 | 0·0 | Not taken | 0·0 | 0·0 | | 29 |
| 30 | 0·0 | ✕ | 0·0 | Not taken | 0·0 | 0·0 | Not taken | 0·0 | 0·0 | 0·09 | 0·0 | 0·05 | | 30 |
| 31 | 0·04 | ✕ | 0·08 | ✕ | 0·0 | ✕ | 0·12 | 0·0 | ✕ | 0·21 | ✕ | Not taken | | 31 |
| TOTAL | 1·89 | 3·14 | 2·70 | 1·02 | 1·34 | 3·47 ~~2·77~~ | 2·46 | 1·15 | 1·16 | 4·08 | 1·44 | 0·23 | Year's Total ~~23·38~~ | 24·08 |
| *Days with ·01 in. or more. | ~~10~~ | ~~14~~ | ~~12~~ | ~~10~~ | ~~11~~ | ~~10~~ | ~~10~~ | ~~12~~ | ~~6~~ | 13 | 12 | 6 | ~~126~~ | |
| *Days with .04 in. or more. | ~~9~~ | ~~12~~ | ~~11~~ | ~~6~~ | ~~10~~ | ~~7~~ | ~~8~~ | ~~7~~ | ~~4~~ | 13 | 10 | 3 | ~~100~~ | |

Passed with "d"

Passed with "d"

40-9999

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) H. Lowery

THE CURATOR

[P.T.O.

File No. 282563/33.

## COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 2832

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1934.

*Kept at* Godlee Observatory

*in the County of* Lancashire

Diameter of Funnel of Gauge 8⅛ ins

Height of top of Gauge above Ground 1 ft 9½ ins

,, Ground ,, Sea Level 150 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | not taken | 0.0 | 0.0 | not taken | 0.0 | 0.0 | not taken | 0.32 | 0.02 | 0.41 | 0.08 | 0.0 | | 1 |
| 2 | " | 0.0 | 0.0 | " | 0.0 | 0.0 | 0.0 | 0.08 | not taken | 0.02 | 0.04 | not taken | | 2 |
| 3 | 0.23 | 0.01 | not taken | 0.0 | 0.01 | not taken | 0.0 | 0.43 | 0.11 | 0.45 | 0.24 | 0.87 | | 3 |
| 4 | 0.03 | not taken | " | 0.0 | 0.0 | 0.0 | 0.0 | 0.11 | 0.01 | 0.04 | not taken | 0.03 | | 4 |
| 5 | 0.21 | 0.0 | 0.15 | 0.13 | 0.05 | 0.0 | 0.0 | not taken | 0.03 | 0.79 | 0.01 | 0.95 | | 5 |
| 6 | 0.0 | 0.0 | 0.05 | 0.0 | 0.0 | 0.0 | 0.0 | " | 0.0 | 0.41 | 0.0 | 0.03 | | 6 |
| 7 | not taken | 0.0 | 0.07 | 0.03 | 0.42 | 0.04 | 0.0 | 0.53 | 0.0 | not taken | 0.0 | 0.28 | | 7 |
| 8 | 0.28 | 0.02 | 0.13 | not taken | 0.0 | 0.03 | not taken | 0.0 | 0.0 | 0.31 | 0.15 | 0.20 | | 8 |
| 9 | 0.0 | 0.0 | 0.02 | 0.01 | 0.03 | 0.51 | 0.0 | 0.06 | not taken | 0.01 | 0.61 | not taken | | 9 |
| 10 | 0.0 | 0.02 | 0.17 | 0.03 | 0.0 | not taken | 0.0 | 0.10 | 0.0 | 0.0 | 0.24 | 0.05 | | 10 |
| 11 | 0.0 | not taken | not taken | 0.02 | 0.0 | 0.0 | 0.0 | 0.13 | 0.0 | 0.31 | not taken | 0.0 | | 11 |
| 12 | 0.05 | 0.01 | 0.29 | 0.26 | 0.0 | 0.0 | 0.0 | not taken | 0.0 | 0.02 | 0.02 | 0.08 | | 12 |
| 13 | 0.0 | 0.0 | 0.0 | 0.07 | 0.0 | 0.0 | 0.19 | 0.21 | 0.0 | 0.05 | 0.0 | 0.03 | | 13 |
| 14 | not taken | 0.0 | 0.0 | 0.04 | 0.03 | 0.0 | 0.12 | 0.0 | 0.0 | not taken | 0.0 | 0.06 | | 14 |
| 15 | 0.44 | 0.0 | 0.15 | not taken | 0.02 | 0.0 | not taken | 0.0 | 0.0 | 0.0 | 0.0 | 0.01 | | 15 |
| 16 | 0.19 | 0.0 | 0.27 | 0.0 | 0.66 | 0.0 | 0.0 | 0.11 | not taken | 0.0 | 0.0 | not taken | | 16 |
| 17 | 0.35 | 0.0 | 0.08 | 0.0 | 0.14 | not taken | 0.0 | 0.0 | 0.08 | 0.05 | 0.0 | 0.27 | | 17 |
| 18 | 0.17 | not taken | not taken | 0.0 | 0.09 | 0.0 | 0.17 | 0.05 | 0.28 | 0.02 | not taken | 0.09 | | 18 |
| 19 | 0.05 | 0.0 | 0.38 | 0.27 | 0.25 | 0.21 | 0.0 | not taken | 0.0 | 0.0 | 0.0 | 0.09 | | 19 |
| 20 | 0.0 | 0.0 | 0.13 | 0.01 | not taken | 0.02 | 0.0 | 0.02 | 0.26 | 0.11 | 0.0 | 0.01 | | 20 |
| 21 | not taken | 0.0 | 0.01 | 0.06 | " | 0.36 | 0.0 | 0.0 | 0.11 | not taken | 0.0 | 0.01 | | 21 |
| 22 | 0.03 | 0.0 | 0.02 | 0.02 | " | 0.29 | not taken | 0.01 | 0.22 | 0.15 | 0.0 | 0.0 | | 22 |
| 23 | 0.04 | 0.0 | 0.03 | 0.02 | " | 0.0 | 0.0 | 0.24 | not taken | 0.01 | 0.0 | not taken | | 23 |
| 24 | 0.0 | 0.0 | 0.09 | 0.43 | " | not taken | 0.21 | 0.02 | 0.46 | 0.14 | 0.0 | " | | 24 |
| 25 | 0.0 | not taken | not taken | 0.12 | " | 0.1 | 0.0 | 0.0 | 0.1 | 0.02 | not taken | " | | 25 |
| 26 | 0.02 | 0.29 | 0.02 | 0.14 | " | 0.0 | 0.44 | not taken | 0.12 | 0.18 | 0.0 | " | | 26 |
| 27 | 0.05 | 0.0 | 0.0 | 0.09 | " | 0.04 | 0.07 | 0.0 | 0.25 | 0.08 | 0.0 | 0.56 | | 27 |
| 28 | not taken | 0.0 | 0.0 | 0.05 | 0.24 | 0.15 | 0.35 | 0.0 | 0.02 | not taken | 0.0 | 0.24 | | 28 |
| 29 | 0.0 | | 0.0 | not taken | 0.0 | 0.05 | not taken | 0.43 | 0.12 | 0.31 | 0.0 | 0.54 | | 29 |
| 30 | 0.0 | ✕ | not taken | 0.0 | 0.0 | 0.0 | 0.14 | 0.1 | not taken | 0.43 | 0.0 | not taken | | 30 |
| 31 | 0.08 | ✕ | " | ✕ | 0.0 | ✕ | 0.04 | 0.1 | ✕ | 0.24 | ✕ | " | | 31 |
| TOTAL | 2.22 | 0.35 | 2.06 | 1.80 | 1.94 | 1.81 | 1.73 | 3.05 | 2.19 | 4.56 | 1.39 | 4.46 | Year's Total<br>27.56 | |
| *Days with ·01 in. or more. | 15 | 5 | 17 | 18 | 11 | 11 | 9 | 18 | 15 | 23 | 8 | 19 | 169 | |
| *Days with .04 in. or more. | 12 | 1 | 12 | 11 | 7 | 8 | 9 | 9 | 10 | 17 | 6 | 13 | 115. | |

40-9999

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) H Lowery.

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2832

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1935.

*Kept at* Godlee Observatory

*in the County of* Lancashire

Diameter of Funnel of Gauge 8⅛ ins

Height of top of Gauge above Ground 1 ft 2½ in.

,, Ground ,, Sea Level 130 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | not taken | 0·07 | 0·03 | 0·0 | 0·0 | 0·0 | 0·14 | 0·0 | not taken | 0·09 | 0·25 | not taken | | 1 |
| 2 | 0·62 | 0·28 | 0·0 | 0·0 | 0·0 | not taken | 0·07 | 0·0 | 0·12 | 0·39 | 0·03 | 0·78 | | 2 |
| 3 | 0·01 | not taken | not taken | 0·04 | 0·0 | 0·34 | 0·0 | 0·0 | 0·01 | 0·06 | not taken | 0·09 | | 3 |
| 4 | 0·08 | 0·61 | 0·30 | 0·11 | 0·0 | 0·09 | 0·33 | not taken | 0·13 | 0·04 | 0·09 | 0·10 | | 4 |
| 5 | 0·0 | 0·07 | 0·02 | 0·0 | not taken | 0·13 | 0·0 | not taken | 0·19 | 0·25 | 0·0 | 0·0 | | 5 |
| 6 | not taken | 0·29 | 0·06 | 0·15 | not taken | 0·04 | 0·0 | 0·0 | 0·20 | not taken | 0·0 | 0·28 | | 6 |
| 7 | 0·0 | 0·0 | 0·0 | not taken | 0·0 | 0·17 | not taken | 0·0 | 0·0 | 0·0 | 0·0 | 0·0 | | 7 |
| 8 | 0·09 | 0·0 | 0·0 | 0·11 | 0·0 | 0·30 | 0·0 | 0·0 | not taken | 0·15 | 0·43 | not taken | | 8 |
| 9 | 0·0 | 0·0 | 0·0 | 0·07 | 0·0 | not taken | 0·0 | 0·0 | 0·0 | 0·05 | 0·10 | 0·53 | | 9 |
| 10 | 0·0 | not taken | not taken | 0·18 | 0·0 | 0·35 | 0·0 | 0·0 | 0·0 | 1·36 | not taken | 0·0 | | 10 |
| 11 | 0·0 | 0·03 | 0·0 | 0·15 | 0·0 | 0·0 | 0·0 | not taken | 0·0 | 0·19 | 0·23 | 0·0 | | 11 |
| 12 | 0·32 | 0·05 | 0·0 | 0·0 | not taken | 0·12 | 0·0 | 0·0 | 0·0 | 0·23 | 0·07 | 0·0 | | 12 |
| 13 | not taken | 0·08 | 0·0 | 0·0 | 0·0 | not taken | 0·0 | 0·0 | 0·07 | not taken | 0·0 | 0·0 | | 13 |
| 14 | 0·11 | 0·02 | 0·0 | not taken | 0·27 | not taken | not taken | 0·0 | 0·07 | 0·01 | 0·0 | 0·0 | | 14 |
| 15 | 0·0 | 0·0 | 0·0 | 0·06 | 0·02 | not taken | 0·0 | 0·0 | not taken | 0·0 | 1·17 | not taken | | 15 |
| 16 | 0·02 | 0·41 | 0·0 | 0·30 | 0·03 | not taken | 0·06 | 0·0 | 0·28 | 0·02 | 0·01 | 0·57 | | 16 |
| 17 | 0·01 | not taken | not taken | 0·21 | 0·03 | 0·77 | 0·04 | 0·0 | 0·42 | 0·0 | not taken | 0·05 | | 17 |
| 18 | 0·0 | 0·16 | 0·11 | 0·29 | 0·27 | 0·28 | 0·31 | not taken | 0·19 | 0·04 | 0·65 | 0·0 | | 18 |
| 19 | 0·0 | 0·0 | 0·0 | not taken | not taken | 0·03 | 0·03 | 0·01 | 0·37 | 0·20 | 0·03 | 0·0 | | 19 |
| 20 | not taken | 0·0 | 0·0 | not taken | 0·29 | 0·30 | 0·28 | 0·0 | 0·0 | not taken | 0·16 | 0·03 | | 20 |
| 21 | 0·0 | 0·29 | 0·0 | not taken | 0·0 | 0·15 | not taken | 0·0 | 0·0 | 0·09 | 0·0 | 0·0 | | 21 |
| 22 | 0·0 | 0·28 | 0·02 | not taken | 0·0 | 0·0 | 0·0 | 0·0 | not taken | 0·12 | 0·0 | not taken | | 22 |
| 23 | 0·0 | 0·09 | 0·03 | 0·91 | 0·0 | not taken | 0·0 | 0·0 | 0·56 | 0·0 | 0·01 | 0·39 | | 23 |
| 24 | 0·0 | not taken | not taken | 0·0 | 0·0 | 0·0 | 0·0 | 0·30 | 0·12 | 0·40 | not taken | not taken | | 24 |
| 25 | 0·0 | 0·24 | 0·56 | 0·0 | 0·0 | 0·0 | 0·0 | not taken | 0·16 | 0·06 | 0·0 | not taken | | 25 |
| 26 | 0·18 | 0·0 | 0·09 | 0·0 | not taken | 0·03 | 0·0 | 0·0 | 0·21 | 0·0 | 0·05 | not taken | | 26 |
| 27 | not taken | 0·01 | 0·0 | 0·0 | 0·0 | 0·0 | 0·0 | 0·90 | 0·45 | not taken | 0·15 | 0·39 | | 27 |
| 28 | 0·29 | 0·02 | 0·0 | not taken | 0·0 | 0·09 | not taken | 0·0 | 0·45 | 0·68 | 0·36 | 0·01 | | 28 |
| 29 | 0·35 | | 0·0 | 0·0 | 0·0 | 0·0 | 0·10 | 0·63 | not taken | 0·35 | 0·07 | not taken | | 29 |
| 30 | 0·0 | × | 0·01 | 0·0 | 0·0 | not taken | 0·0 | 0·09 | 0·41 | 0·19 | 0·09 | 0·09 | | 30 |
| 31 | 0·07 | × | not taken | × | 0·0 | × | 0·0 | 0·05 | × | 0·31 | × | 0·06 | | 31 |
| TOTAL | 2·15 | 2·92 | 1·23 | 2·58 | 0·86 | 3·19 | 1·38 | 1·98 | 4·41 | 5·28 | 3·90 | 3·42 | Year's Total.<br>33·30 | |
| * Days with .01 in. or more. | 12 | 17 | 10 | 12 | 6 | 15 | 9 | 6 | 18 | 22 | 18 | 13 | 158 | |
| * Days with .04 in. or more. | 9 | 12 | 5 | 11 | 3 | 13 | 8 | 5 | 17 | 20 | 13 | 12 | 128 | |

40-9999

† Spare column, no entries required.

(Signed) H. Lowery

* See Instruction 2 (f) on other side.

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 2832

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1937

Kept at College of Technology, Manchester

in the County of Lancashire

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 2 in.

,, Ground ,, Sea Level ............ ft.

1936 N.R.

Adjusted by surrounding stations

2825 63/33

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following ✓

**Please read the Notes and Instructions Overleaf**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | (·03) | ·21 | ·05 | — | | — | — | — | ·25 | — | ·94 | (·30) | | 1 |
| 2 | (·03) | — | ·04 | — | — | ·01 | ·25 | — | — | | ·30 | ·01 | | 2 |
| 3 | | ·10 | — | | (·15) | ·20 | | — | ~~·90~~? | — | — | ·15 | | 3 |
| 4 | (·20) | ·13 | — | — | (·05) | ·03 | ·13 | ·01 | | — | ·10 | (·50)? | | 4 |
| 5 | (·90) | ·21 | ·02 | ·14 | ·10 | | — | — | — | — | ·30 | (·20)<br>~~·02~~ | | 5 |
| 6 | (·15) | | | ·04 | — | — | — | ·08? | — | — | ·10 | ·12 | | 6 |
| 7 | | — | — | ·34 | (·50) | ·04 | ·50 | | — | — | | — | | 7 |
| 8 | | ·39 | — | ·05 | - | — | — | | — | — | (·10) | — | | 8 |
| 9 | | — | ·03 | ·05 | ·20 | — | — | (·05) | — | | ·10 | — | | 9 |
| 10 | (·01) | — | — | | — | ·23 | | (·10) | — | ·10 | ·02 | (·20)<br>~~·10~~ | | 10 |
| 11 | | ·37 | ·13 | — | (·10) | ·14 | — | | - | ·20 | ·01 | (·10)<br>~~·01~~ | | 11 |
| 12 | (·03) | ·44 | — | — | ·02 | | ·15 | | ·21 | — | — | (·20) | | 12 |
| 13 | | | | ·01 | — | — | — | (·40) | — | — | | ·12 | | 13 |
| 14 | ·01 | ·21 | — | — | — | — | — | (·30) | ·09 | ·03 | — | ·07 | | 14 |
| 15 | ·23 | ·14 | — | ·01 | | ·12 | ·69 | | —<br>(·10) | — | ·01 | ·03 | | 15 |
| 16 | | — | ·10 | | | ·10 | — | (·10) | — | | ·10 | — | | 16 |
| 17 | ·06 | ·20 | ·25 | | ✗ | ·05 | | | ·06 | — | — | — | | 17 |
| 18 | ·53 | ·31 | ·27 | ·90 | | ·09 | — | (·10) | (·05) | ·12 | (·55) | | | 18 |
| 19 | ·09 | ·10 | ·10 | ·02 | | | — | | — | — | (·30) | — | | 19 |
| 20 | ·02 | | | ·48 | ✗ | — | ·05 | | — | — | | (·10)<br>~~·01~~ | | 20 |
| 21 | — | ·14 | ·02 | ·15 | ✓ | ·10 | ·07 | | — | (·05) | ·11 | ·06 | | 21 |
| 22 | ·10 | ·14 | ·06 | — | ✓ | ·20 | — | | ·10 | (·35) | ·20 | — | | 22 |
| 23 | | ·10 | ·02 | — | ✗ ·70 | ·04 | ·02 | — | — | (·30) | ·01 | — | | 23 |
| 24 | ·21 | ·23 | ·12 | | (·04) | — | | — | ·12 | (·25) | ·02 | — | | 24 |
| 25 | — | ·17 | | — | — | — | — | — | | (·05) | — | (·20) | | 25 |
| 26 | — | ·32 | | ·15 | (·50) | | — | ·35 | — | — | ·12 | — | | 26 |
| 27 | — | | | — | — | — | — | — | — | (·30) | | — | | 27 |
| 28 | — | ·15 | | — | — | — | — | | — | (·15) | — | — | | 28 |
| 29 | — | ✕ | ·09 | — | | — | — | — | — | — | (·20) | ·02 | | 29 |
| 30 | | ✕ | — | — | — | — | — | — | — | | (·60)<br>~~·10~~ | ·07 | | 30 |
| 31 | ·35 | ✕ | — | ✕ | — | ✕ | — | ·50 | ✕ | ·20 | ✕ | — | | 31 |
| TOTAL | (2·95) | 4·06 | 1·30 | 2·34 | (1·91)<br>~~1·52~~ | 1·35 | 1·86 | (1·99) | (·98)<br>~~·93~~ | (1·65)<br>~~0·65~~ | (2·13)<br>~~1·44~~ | (2·30)<br>~~0·77~~ | Year's Total<br>~~21·96~~ (24·82) | |
| * Days with .01 in. or more. | | | | | | | | | | | | | | |
| * Days with .04 in. or more. | | | | | | | | | | | | | | |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(Signed) W.H. Taylor

[P.T.O.

2833

**Section** **A** for the entry of
AIR MINISTRY

FOR OFFICIAL USE.
ORGANIZATION.

242

FORM 10

# REGIST

2833

MANCHESTER, OLDHAM Road
1931—34, 1936-38

780501

*Kept at* Manchester
*in the County of* Lancs

Diameter of Funnel of Gauge........
Height of top of Gauge above Ground
,, Ground ,, Sea Le

**THE MORNING MEASUR**

*An observer who does not conform to th*
*year in the space on the right of this*
*wing*

P

Jan. 1, following

| *Date* | Jan. | Feb. | March | A | | | | | | | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | | | | | | | | in. | in. | |
| 1 | | | | | | | | | | | | | 1 |
| 2 | | | | ·76 | | | | | | | | | 2 |
| 3 | | | | | | | | | | | ·96 | ·53 | 3 |
| 4 | | | | | | | | | | | | | 4 |
| 5 | | | | | | | | | | | | | 5 |
| 6 | | | | | | | ·65 | | | | | | 6 |
| 7 | | | | | | | | | | | | | 7 |
| 8 | | | | | | | | | | | | | 8 |
| 9 | | | | | | | | | | | | | 9 |
| 10 | | | | | | | | | | | | | 10 |
| 11 | | | | | | | | | ·61 | | | | 11 |
| 12 | | | | | | | | | | | | | 12 |
| 13 | | | ·08 | | | | | | | | | | 13 |
| 14 | | | | | | 1·07 | | | | | | | 14 |
| 15 | | | | | | | | | | | | | 15 |
| 16 | | | | | | | | 1·13 | | | | | 16 |
| 17 | | | | | | | | | | | | | 17 |
| 18 | | | | | | | | | | | | | 18 |
| 19 | | | | | | | | | | | | | 19 |
| 20 | | | | | | | | | | | | | 20 |
| 21 | | | | | | | | | | | | | 21 |
| 22 | | | | | | | | | | | | | 22 |
| 23 | ·67 | | | | | | | | | | | | 23 |
| 24 | | | | | ·61 | | | | | | | | 24 |
| 25 | | ·64 | | | | | | | | | | | 25 |
| 26 | | | | | | | | | | | | | 26 |
| 27 | | | | | | | | | | | | | 27 |
| 28 | | | | | | | | | | | | | 28 |
| 29 | | | | | | | | | | ·67 | | | 29 |
| 30 | | × | | | | | | | | | | | 30 |
| 31 | | × | | × | | × | | | × | | × | | 31 |
| TOTAL | 5·43 | 4·29 | 0·30 | 3·36 | 2·78 | 5·49 | 4·38 | 7·87 | 3·28 | 1·98 | 6·00 | 1·94 | YEAR'S TOTAL<br>47·10 |
| *Days with ·01 in. or more. | 24 | 23 | 6 | 20 | 19 | 17 | 23 | 17 | 17 | 10 | 22 | 16 | 214 |
| *Days with ·04 in. or more. | 19 | 18 | 5 | 13 | 15 | 14 | 18 | 15 | 12 | 6 | 18 | 13 | 166 |
| 40-9999 | 137·8 | 108·9 | 7·6 | 85·3 | 70·6 | 139·5 | 111·2 | 199·8 | 83·3 | 50·4 | 152·3 | 49·3 | 1196·0 |

(Signed).................................... [P.T.O.

*See Instruction 2 (*f*) on other side.

2833

Section **A** for the entry of FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH ORGANIZATION.

FORM 1

# REGISTER OF RAINFALL IN 193/ .

212

*Kept at* Manchester, Oldham Rd

*in the County of* Lancs

Diameter of Funnel of Gauge.................in.

Height of top of Gauge above Ground...........ft...........in.

,, Ground ,, Sea Level 190 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | | | | | | | | | | | | | 1 |
| 2 | | | | ·76 | | | | | | | | | 2 |
| 3 | | | | | | | | | | | ·96 | ·53 | 3 |
| 4 | | | | | | | | | | | | | 4 |
| 5 | | | | | | | | | | | | | 5 |
| 6 | | | | | | | ·65 | | | | | | 6 |
| 7 | | | | | | | | | | | | | 7 |
| 8 | | | | | | | | | | | | | 8 |
| 9 | | | | | | | | | | | | | 9 |
| 10 | | | | | | | | | | | | | 10 |
| 11 | | | | | | | | | ·61 | | | | 11 |
| 12 | | | | | | | | | | | | | 12 |
| 13 | | | ·08 | | | | | | | | | | 13 |
| 14 | | | | | | 1·07 | | | | | | | 14 |
| 15 | | | | | | | | | | | | | 15 |
| 16 | | | | | | | | 1·13 | | | | | 16 |
| 17 | | | | | | | | | | | | | 17 |
| 18 | | | | | | | | | | | | | 18 |
| 19 | | | | | | | | | | | | | 19 |
| 20 | | | | | | | | | | | | | 20 |
| 21 | | | | | | | | | | | | | 21 |
| 22 | | | | | | | | | | | | | 22 |
| 23 | ·67 | | | | | | | | | | | | 23 |
| 24 | | | | | ·61 | | | | | | | | 24 |
| 25 | | ·64 | | | | | | | | | | | 25 |
| 26 | | | | | | | | | | | | | 26 |
| 27 | | | | | | | | | | | | | 27 |
| 28 | | | | | | | | | | | | | 28 |
| 29 | | | | | | | | | | ·67 | | | 29 |
| 30 | | × | | | | | | | | | | | 30 |
| 31 | | × | | × | | × | | | × | | × | | 31 |
| TOTAL | 5·43 | 4·29 | 0·30 | 3·36 | 2·78 | 5·49 | 4·38 | 7·87 | 3·28 | 1·98 | 6·00 | 1·94 | YEAR'S TOTAL<br>47·10 |
| *Days with ·01 in. or more. | 24 | 23 | 6 | 20 | 19 | 17 | 23 | 17 | 17 | 10 | 22 | 16 | 214 |
| *Days with ·04 in. or more. | 19 | 18 | 5 | 13 | 15 | 14 | 18 | 15 | 12 | 6 | 18 | 13 | 166 |
| 40-9999 | 137·8 | 108·9 | 7·6 | 85·3 | 70·6 | 139·5 | 111·2 | 199·8 | 83·3 | 50·4 | 152·3 | 49·3 | 1196·0 |

*See Instruction 2 (*f*) on other side.

(*Signed*)........................................ [P.T.O.

2833

**Section** **A** for the entry of Daily Observations. **FOR OFFICIAL USE.**

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1

# REGISTER OF RAINFALL IN 1932.

242

*Kept at* Manchester, Oldham Rd.

*in the County of* Lancs.

Diameter of Funnel of Gauge ............ in.

Height of top of Gauge above Ground ........ ft ........ in.

,, Ground ,, Sea Level 190 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | | | | | | | | | | | | | 1 |
| 2 | | | | | | | | | ·92 | | | ·35 | 2 |
| 3 | | | | | | | | | | | | | 3 |
| 4 | | | | | | | | | | | | | 4 |
| 5 | | | | | | | | | | | | | 5 |
| 6 | ·98 | | | ·40 | | | | | | | | | 6 |
| 7 | | | ·43 | | | | | | | | | | 7 |
| 8 | | | | | | | | | | | | | 8 |
| 9 | | | | | | | | | | | | | 9 |
| 10 | | | | | | | | | | | | | 10 |
| 11 | | | | | | | ·63 | | | | | | 11 |
| 12 | | | | | | | | | | | | | 12 |
| 13 | | ·04 | | | | | | | | | | | 13 |
| 14 | | | | | | | | | | | | | 14 |
| 15 | | | | | ·72 | | | | | | | | 15 |
| 16 | | | | | | | | | | | | | 16 |
| 17 | | | | | | | | | | | | | 17 |
| 18 | | | | | | | | | | | | | 18 |
| 19 | | | | | | | | | | | | | 19 |
| 20 | | | | | | | | | | | | | 20 |
| 21 | | | | | | | | | | | | | 21 |
| 22 | | | | | | | | | | | 0·75 | | 22 |
| 23 | | | | | | | | | | | | | 23 |
| 24 | | | | | | | | | | | | | 24 |
| 25 | | | | | | | | | | 1·14 | | | 25 |
| 26 | | | | | | | | | | | | | 26 |
| 27 | | | | | | | | | | | | | 27 |
| 28 | | | | | | | | | | | | | 28 |
| 29 | | | | | | | | ·53 | | | | | 29 |
| 30 | | × | | | | ·20 | | | | | | | 30 |
| 31 | | × | | × | | × | | | × | | × | | 31 |
| TOTAL | 3.90 | 0·11 | 2·20 | 3·10 | 4·77 | 0·46 | 3.50 | 1·44 | 3·95 | 7·42 | 2·78 | 1·49 | YEAR'S TOTAL<br>35·12 |
| *Days with ·01 in. or more. | 16 | 5 | 10 | 21 | 25 | 7 | 24 | 9 | 20 | 23 | 17 | 19 | 196 |
| *Days with ·04 in. or more. | 12 | 1 | 10 | 16 | 17 | 3 | 18 | 7 | 15 | 20 | 15 | 11 | 145 |
| 40-9999 | 99·0 | 2·7 | 56·0 | 78·8 | 121·1 | 11·6 | 88·9 | 36·6 | 100·4 | 188·4 | 70·5 | 37·9 | |

(Signed) ........................................ [P.T.O.

*See Instruction 2 (*f*) on other side.

**Section** **A** **for the entry of Daily Observations.**

COPY FOR OFFICIAL USE.

2833

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1000.

# REGISTER OF RAINFALL IN 1933.

242

*Kept at* Manchester (Oldham Road)

*in the County of* Lancs

Diameter of Funnel of Gauge ............ in.

Height of top of Gauge above Ground ............ ft. ............ in.

,, Ground ,, Sea Level 191 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | | | | | | | | | | | ·24 | | 1 |
| 2 | | | | | | | | | | | | | 2 |
| 3 | | ·51 | | | 39 | | | | | | | | 3 |
| 4 | | | | | | | | | | | | | 4 |
| 5 | | | | | | | | | | | | | 5 |
| 6 | | | | | | | | | | | | | 6 |
| 7 | | | | | | | | | | | | | 7 |
| 8 | | | | | | | | | | | | | 8 |
| 9 | | | | | | | ·60 | | | | | | 9 |
| 10 | | | | | | | | | | 1·01 | | | 10 |
| 11 | | | | | | | | | | | | | 11 |
| 12 | | | | | | | | | | | | | 12 |
| 13 | | | | | | | | | | | | | 13 |
| 14 | | | | | | | | | | | | | 14 |
| 15 | 0·37 | | | | | | | | | | | | 15 |
| 16 | | | | | | | | | | | | | 16 |
| 17 | | | 1·12 | | | | | | | | | | 17 |
| 18 | | | | | | ·83 | | | | | | | 18 |
| 19 | | | | | | | | | | | | | 19 |
| 20 | | | | | | | | | | | | | 20 |
| 21 | | | | | | | | ·32 | | | | | 21 |
| 22 | | | | | | | | | | | | | 22 |
| 23 | | | | | | | | | | | | | 23 |
| 24 | | | | | | | | | ·48 | | | | 24 |
| 25 | | | | | | | | | | | | | 25 |
| 26 | | | | ·29 | | | | | | | | | 26 |
| 27 | | | | | | | | | | | | | 27 |
| 28 | | | | | | | | | | | | | 28 |
| 29 | | | | | | | | | | | | | 29 |
| 30 | | ✕ | | | | | | | | | | ·18 | 30 |
| 31 | | ✕ | | ✕ | | ✕ | | | ✕ | | ✕ | | 31 |
| TOTAL | 2·17 | 3·20 | 2·92 | 1·18 | 1·30 | 3·03 | 2·44 | 1·36 | 1·29 | 4·56 | 1·33 | 0·43 | YEAR'S TOTAL 25·21 |
| *Days with ·01 in. or more. | 15 | 16 | 15 | 12 | 14 | 12 | 12 | 14 | 7 | 16 | 12 | 8 | 153 |
| *Days with ·04 in. or more. | 12 | 13 | 11 | 9 | 10 | 10 | 10 | 8 | 5 | 14 | 9 | 4 | 115 |

40-9999 55·0

32·7

(Signed) ............................................

[P.T.O.

*See Instruction 2 (*f*) on other side.

D

Section **A** for the entry of Daily Observations. COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1934.

2833

2472

*Kept at* Manchester (Oldham Rd)

*in the County of* Lancs.

Diameter of Funnel of Gauge.................in.

Height of top of Gauge above Ground..........ft..........in.

,, Ground ,, Sea Level 191 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | | | | | | | | | | | | | 1 |
| 2 | | | | | | | | | | | | | 2 |
| 3 | | | | | | | | | | | | | 3 |
| 4 | | | | | | | | | | ·90 | | ·95 | 4 |
| 5 | | | | | | | | ·56 | | | | | 5 |
| 6 | | | | | | | | | | | | | 6 |
| 7 | | | | | | | | | | | | | 7 |
| 8 | | | | | | ·44 | | | | | ·67 | | 8 |
| 9 | | | | | | | | | | | | | 9 |
| 10 | | | | | | | | | | | | | 10 |
| 11 | | | | | | | | | | | | | 11 |
| 12 | | | | | | | | | | | | | 12 |
| 13 | | | | | | | | | | | | | 13 |
| 14 | | | | | | | | | | | | | 14 |
| 15 | | | ·35 | | ·67 | | | | | | | | 15 |
| 16 | ·36 | | | | | | | | | | | | 16 |
| 17 | | | | | | | | | | | | | 17 |
| 18 | | | | | | | | | | | | | 18 |
| 19 | | | | | | | | | | | | | 19 |
| 20 | | | | | | | | | | | | | 20 |
| 21 | | | | | | | | | | | | | 21 |
| 22 | | | | | | | | | ·45 | | | | 22 |
| 23 | | | | ·44 | | | | | | | | | 23 |
| 24 | | ·17 | | | | | | | | | | | 24 |
| 25 | | | | | | | | | | | | | 25 |
| 26 | | | | | | | | | | | | | 26 |
| 27 | | | | | | | ·44 | | | | | | 27 |
| 28 | | | | | | | | | | | | | 28 |
| 29 | | | | | | | | | | | | | 29 |
| 30 | | ✕ | | | | | | | | | | | 30 |
| 31 | | ✕ | | ✕ | | ✕ | | | ✕ | | ✕ | | 31 |
| TOTAL | 2·22 ✓ | 0·35 ✓ | 2·38 ✓ | 1·72 ✓ | 2·13 ✓ | 1·81 ✓ | 1·97 ✓ | 2·97 ✓ | 3·00 ✓ | 4·52 ✓ | 1·48 ✓ | 4·76 ✓ | YEAR'S TOTAL<br>29·31 |
| *Days with ·01 in. or more. | 26 | 5 | 22 | 17 | 14 | 12 | 11 | 19 | 18 | 27 | 11 | 27 | 209 |
| *Days with ·04 in. or more. | 15 | 2 | 16 | 9 | 11 | 11. | 11 | 14. | 14. | 23. | 6. | 22. | 153 |

40-9999

*See Instruction 2 (*f*) on other side.

M

(*Signed*)..............................................

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. ~~242~~ 2833

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1935.

*Kept at* Manchester (Oldham Rd)
*in the County of* Lancs
Diameter of Funnel of Gauge ......... in.
Height of top of Gauge above Ground ......... ft ......... in.
,, Ground ,, Sea Level 191 ft.

T. L

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | 0·48 | | | | | | | | | | | | | 1 |
| 2 | | | | | | | | | | | | | | 2 |
| 3 | | ·57 | | | | | ·39 | | | | | | | 3 |
| 4 | | | | | | | | | | | | | | 4 |
| 5 | | | | | | | | | | | | | | 5 |
| 6 | | | | | | | | | | | | | | 6 |
| 7 | | | | | | ·43 | | | | | | | | 7 |
| 8 | | | | | | | | | | | | ·44 | | 8 |
| 9 | | | | | | | | | | 1·50 | | | | 9 |
| 10 | | | | | | | | | | | | | | 10 |
| 11 | | | | | | | | | | | | | | 11 |
| 12 | | | | | | | | | | | | | | 12 |
| 13 | | | | | | | | | | | | | | 13 |
| 14 | | | | | | | | | | | 1·22 | | | 14 |
| 15 | | | | | | | | | | | | | | 15 |
| 16 | | | | | | | | | | | | | | 16 |
| 17 | | | | | ·29 | | | | | | | | | 17 |
| 18 | | | | | | | | | | | | | | 18 |
| 19 | | | | ·33 | | | | | | | | | | 19 |
| 20 | | | | ·33 | | | | | | | | | | 20 |
| 21 | | | | | | | | | | | | | | 21 |
| 22 | | | | | | | | | | | | | | 22 |
| 23 | | | ·66 | | | | | | | | | | | 23 |
| 24 | | | | | | | | | 1·04 | | | | | 24 |
| 25 | | | | | | | | | | | | | | 25 |
| 26 | | | | | | | | ·97 | | | | | | 26 |
| 27 | | | | | | | | | | | | | | 27 |
| 28 | | | | | | | | | | | | | | 28 |
| 29 | | | | | | | | | | | | | | 29 |
| 30 | | × | | | | | | | | | | | | 30 |
| 31 | | × | | × | | × | | | × | | × | | | 31 |
| TOTAL | 1·83 | 3·42 | 1·64 | 2·52 | 0·83 | 3·36 | 1·58 | 1·68 | 5·63 | 6·41 | 4·58 | 3·35 | Year's Total<br>36·83 | |
| *Days with ·01 in. or more. | 13 | 19 | 11 | 15 | 8 | 21 | 9 | 7 | 22 | 22 | 23 | 16 | 186 | |
| *Days with .04 in. or more. | 9 | 14 | 6 | 13 | 6 | 18 | 8 | 5 | 20 | 21 | 19 | 15 | 154 | |

40-9999

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) .........

M

[P.T.O.

COPY FOR OFFICIAL USE.

2833

Section **A** for the entry of Daily Observations. Station No. 242

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1936.

*Kept at* Manchester (Oldham Road)

*in the County of* Lancs.

Diameter of Funnel of Gauge ........ in.

Height of top of Gauge above Ground ........ ft ........ in.

,, Ground ,, Sea Level 191 ft.

TL

mm.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | | | | | | | | | | | | | | 1 |
| 2 | | | | | | | | | | | | | | 2 |
| 3 | | | | | | | | | | | | | | 3 |
| 4 | | | | | | | | | | | | | | 4 |
| 5 | | | | | | | | ·56 | | | | | | 5 |
| 6 | | | | | | | | | | | | | | 6 |
| 7 | | | | | | | | | ·69 | | | | | 7 |
| 8 | | | | | | | | | | | | | | 8 |
| 9 | | | | | | | | | | | | | | 9 |
| 10 | | | | | | | 1·00 | | | | | | | 10 |
| 11 | | | | | | | | | | | | | | 11 |
| 12 | | | | | | | | | | | | | | 12 |
| 13 | | | | | | | | | | | | | | 13 |
| 14 | | | | | | | | | | | | ·63 | | 14 |
| 15 | | | | | | | | | | | | | | 15 |
| 16 | | | | | | | | | | | ·71 | | | 16 |
| 17 | | ·30 | | | | | | | | | | | | 17 |
| 18 | | | | | | | | | | ·57 | | | | 18 |
| 19 | | | | ·25 | | | | | | | | | | 19 |
| 20 | | | | | | | | | | | | | | 20 |
| 21 | | | | | | | | | | | | | | 21 |
| 22 | | | | | | | | | | | | | | 22 |
| 23 | | | | | | | | | | | | | | 23 |
| 24 | | | | | | | | | | | | | | 24 |
| 25 | | | | | | | | | | | | | | 25 |
| 26 | | | | | | | | | | | | | | 26 |
| 27 | ·84 | | | | | | | | | | | | | 27 |
| 28 | | | | | | | | | | | | | | 28 |
| 29 | | | ·48 | | | ·67 | | | | | | | | 29 |
| 30 | | X | | | ·31 | | | | | | | | | 30 |
| 31 | | X | | X | | X | | | X | | X | | | 31 |
| | | | | | | | | | | | | | Year's Total. | |
| TOTAL | 3·55 | 1·93 | 1·57 | 0·93 | 0·54 | 3·10 | 4·56 | 2·50 | 4·35 | 3·37 | 4·52 | 3·21 | 34·13 ✓ | |
| * Days with .01 in. or more. | 23 | 15 | 14 | 14 | 5 | 13 | 23 | 13 | 16 | 16 | 17 | 20 | 189 ✓ | |
| * Days with .04 in. or more. | 17 | 12 | 6 | 9 | 4 | 11 | 19 | 11 | 14 | 14 | 14 | 16 | 147 ✓ | |
| | 90·1 | 49·0 | 39·9 | 23·7 | 13·8 | 78·8 | 115·9 | 63·4 | 110·4 | 85·6 | 114·7 | 81·5 | 866·8 | |

40-9999

† Spare column, no entries required.

(Signed) ........

* See Instruction 2 (f) on other side.

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2833

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION. 242

FORM 1091.

# REGISTER OF RAINFALL IN 1937.

*Kept at* Manchester (Oldham Road)

*in the County of* Lancs

Diameter of Funnel of Gauge 5" in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 191 ft.

T. L

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following ✓

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | † | |
| 1 | | | | | | | | | | | | | | 1 |
| 2 | | | | | | | | | | | | | | 2 |
| 3 | | | | | | ·53 | | | | | | | | 3 |
| 4 | | | | | | | | | | | | ·54 | | 4 |
| 5 | 1·00 | | | | | | | | | | | | | 5 |
| 6 | | | | | | | | ·95 | | | | | | 6 |
| 7 | | | | | | | | | | | | | | 7 |
| 8 | | ·55 | | | | | | | | | | | | 8 |
| 9 | | | | | | | | | | | | | | 9 |
| 10 | | | | | | | | | | | | | | 10 |
| 11 | | | | | | | | | | | | | | 11 |
| 12 | | | | | | | | | ·28 | | | | | 12 |
| 13 | | | | | | | | | | | | | | 13 |
| 14 | | | | | | | | | | | | | | 14 |
| 15 | | | | | | | ·68 | | | | | | | 15 |
| 16 | | | | ·39 | | | | | | | | | | 16 |
| 17 | | | ·31 | | | | | | | | | | | 17 |
| 18 | | | | | | | | | | | | | | 18 |
| 19 | | | | | | | | | | | | | | 19 |
| 20 | | | | | | | | | | | | | | 20 |
| 21 | | | | | | | | | | | | | | 21 |
| 22 | | | | | | | | | | ·35 | | | | 22 |
| 23 | | | | | | | | | | | | | | 23 |
| 24 | | | | | | | | | | | | | | 24 |
| 25 | | | | | | | | | | | | | | 25 |
| 26 | | | | | ·50 | | | | | | | | | 26 |
| 27 | | | | | | | | | | | | | | 27 |
| 28 | | | | | | | | | | | | | | 28 |
| 29 | | | | | | | | | | | | | | 29 |
| 30 | | ✕ | | | | | | | | | ·59 | | | 30 |
| 31 | | ✕ | | ✕ | | ✕ | | | ✕ | | ✕ | | | 31 |
| TOTAL | 2·79 | 5·24 | 1·31 | 2·64 | 2·14 | 1·51 | 2·13 | 2·69 | 1·11 | 1·67 | 2·14 | 2·10 | Year's Total 27·47 | |
| * Days with 0.2 mm. or more. | 19 | 25 | 17 | 16 | 16 | 11 | 16 | 13 | 10 | 11 | 9 | 19 | 182 | |
| * Days with 1.0 mm. or more. | 12 | 25 | 12 | 14 | 11 | 6 | 9 | 10 | 7 | 10 | 8 | 13 | 137 | |
| | 70·8 | 133·2 | 33·4 | 67·1 | 54·4 | 38·3 | 54·1 | 68·4 | 28·2 | 42·5 | 54·4 | 53·3 | 698·1 | |

(14iw) * See Instruction 2 (f) on other side. † Spare column; no entries required, except year's total.

40-9999. (Signed) ................ [P.T.O.

COPY FOR OFFICIAL USE.

**Section A** for the entry of Daily Observations. Station No. 2833

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1091.

# REGISTER OF RAINFALL IN 1938.

*Kept at* Manchester (Oldham Rd)
*in the County of* Lancs
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
,, Ground ,, Sea Level 191 ft.

T. L. Joe

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | † | |
| 1 | | | | | | ·93 | | | | | | | | 1 |
| 2 | | | | ·26 | | | | | | | | | | 2 |
| 3 | | | | | | | | | | | | | | 3 |
| 4 | | | | | | | | | | | | | | 4 |
| 5 | | | | | | | | | | | | | | 5 |
| 6 | | | | | | | | | | | | | | 6 |
| 7 | | | | | | | | | | | | | | 7 |
| 8 | ·48 | | | | | | | | | | | | | 8 |
| 9 | | ·31 | | | | | | | | | | | | 9 |
| 10 | | | | | | | | | | | | | | 10 |
| 11 | | | | | | | | | | | | | | 11 |
| 12 | | | | | | | | | | | | | | 12 |
| 13 | | | | | | | | | | | | | | 13 |
| 14 | | | | | | | | | | | | | | 14 |
| 15 | | | | | | | | | | | | | | 15 |
| 16 | | | | | | | | | | | | | | 16 |
| 17 | | | | | | | | | | | | | | 17 |
| 18 | | | | | | | | | | | | | | 18 |
| 19 | | | | | | | | | | | | | | 19 |
| 20 | | | | | | | | | | | | | | 20 |
| 21 | | | | | | | | | | | | | | 21 |
| 22 | | | | | | | | | | | | | | 22 |
| 23 | | | | | | | | | | | | | | 23 |
| 24 | | | | | | | | | | | | | | 24 |
| 25 | | | | | | | | | | | | | | 25 |
| 26 | | | ·24 | | | | | | | | | | | 26 |
| 27 | | | | | | | | | | | | | | 27 |
| 28 | | | | | | | | | | | | | | 28 |
| 29 | | | | | 1.59 | | | | | | | | | 29 |
| 30 | | ✕ | | | | | | | | | | | | 30 |
| 31 | | ✕ | | ✕ | | ✕ | | | ✕ | | ✕ | | | 31 |
| TOTAL | 10·44 | 30·3 | 25·7 | 8·8 | 93·2 | 93·6 | closed | | | | | | Year's Total | |
| * Days with 0.2 mm. or more. | 25 | 10 | 8 | 5 | 15 | 18 | | | | | | | | |
| * Days with 1.0 mm. or more. | 18 | 9 | 6 | 2 | 12 | 13 | | | | | | | | GB 4/4/39 |

(141w) * See Instruction 2 (f) on other side.

40-9999. 4·11 1·19 1·01 ·35 3·67 3·69

† Spare column, no entries required, except year's total.

(*Signed*) ............ [P.T.O.

2834

Section **A** for the
AIR

FORM 109

R

31.

FOR OFFICIAL USE.
ALL ORGANIZATION.

*Kept at* Manc

*in the County of*

50

Diameter of Funnel of
Height of top of Gauge a
,, Ground ,,

**THE MORNIN** **DAY.**

*An observer who does no* *the following*
*year in the space on the*

Jan. 1, following

2834

MANCHESTER - WHITWORTH PARK

1931 - 1940

780501

| Date | Jan. | Feb. | | | | | | | | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | | | | | | | | | | | | | 1 |
| 2 | | | | 70 | | | | | | | | | 2 |
| 3 | | | | | | | | | | | ·85 | | 3 |
| 4 | | | | | | | | | | | | ·28 | 4 |
| 5 | | | | | | | | | ·78 | | | | 5 |
| 6 | | | | | | | | | | | | | 6 |
| 7 | | | | | | | | | | | | | 7 |
| 8 | | | | | | | | | | | | | 8 |
| 9 | | | | | | | | | | | | | 9 |
| 10 | | | | | | | | | | | | | 10 |
| 11 | | | | | | | | | | | | | 11 |
| 12 | | | | | | | | | | | | | 12 |
| 13 | | | | | | | | | | | | | 13 |
| 14 | | | | | | ·94 | | | | | | | 14 |
| 15 | | | | | | | | | | | | | 15 |
| 16 | | | | | | | | 1·21 | | | | | 16 |
| 17 | | | | | | | | | | | | | 17 |
| 18 | | | | | | | ·48 | | | | | | 18 |
| 19 | | | | | | | | | | | | | 19 |
| 20 | | | | | | | | | | | | | 20 |
| 21 | | | | | | | | | | | | | 21 |
| 22 | | | | | | | | | | | | | 22 |
| 23 | ·58 | | ·13 | | ·45 | | | | | | | | 23 |
| 24 | | | | | | | | | | | | | 24 |
| 25 | | ·47 | | | | | | | | | | | 25 |
| 26 | | | | | | | | | | | | | 26 |
| 27 | | | | | | | | | | | | | 27 |
| 28 | | | | | | | | | | | | | 28 |
| 29 | | | | | | | | | | ·55 | | | 29 |
| 30 | | × | | | | | | | | | | | 30 |
| 31 | | × | | × | | × | ·48 | | × | | × | | 31 |
| TOTAL | 4·63 | 3·82 | 0·31 | 3·29 | 2·68 | 5·59 | 3·71 | 7·34 | 3·11 | 1·66 | 5·56 | 1·38 | YEAR'S TOTAL 43·08 |
| *Days with ·01 in. or more. | 22 | 22 | 4 | 21 | 17 | 17 | 21 | 17 | 15 | 9 | 22 | 15 | 202 |
| *Days with ·04 in. or more. | 20 | 20 | 3 | 16 | 15 | 13 | 18 | 15 | 11 | 5 | 19 | 10 | 165 |
| 40-9999 | 117·6 | 97·1 | 7·9 | 83·5 | 68·1 | 141·9 | 94·2 | 186·3 | 79·0 | 42·2 | 141·3 | 35·1 | 1094·2 |

*See Instruction 2 (*f*) on other side.

(*Signed*)............ [P.T.O.

Section **A** for the
AIR

2834

FOR OFFICIAL USE.
ALL ORGANIZATION.

FORM 109

# REGISTER OF RAINFALL IN 1931.

*Kept at* Manchester (Whitworth Park)
*in the County of* Lancs.
Diameter of Funnel of Gauge..........in.
Height of top of Gauge above Ground..........ft..........in.
,, Ground ,, Sea Level 125 ft.

A.P.

150

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | | | | | | | | | | | | | 1 |
| 2 | | | | .70 | | | | | | | | | 2 |
| 3 | | | | | | | | | | | ·85 | | 3 |
| 4 | | | | | | | | | | | | ·23 | 4 |
| 5 | | | | | | | | | ·78 | | | | 5 |
| 6 | | | | | | | | | | | | | 6 |
| 7 | | | | | | | | | | | | | 7 |
| 8 | | | | | | | | | | | | | 8 |
| 9 | | | | | | | | | | | | | 9 |
| 10 | | | | | | | | | | | | | 10 |
| 11 | | | | | | | | | | | | | 11 |
| 12 | | | | | | | | | | | | | 12 |
| 13 | | | | | | | | | | | | | 13 |
| 14 | | | | | | ·94 | | | | | | | 14 |
| 15 | | | | | | | | | | | | | 15 |
| 16 | | | | | | | | 1·21 | | | | | 16 |
| 17 | | | | | | | | | | | | | 17 |
| 18 | | | | | | | ·48 | | | | | | 18 |
| 19 | | | | | | | | | | | | | 19 |
| 20 | | | | | | | | | | | | | 20 |
| 21 | | | | | | | | | | | | | 21 |
| 22 | | | | | | | | | | | | | 22 |
| 23 | ·58 | | ·13 | | ·45 | | | | | | | | 23 |
| 24 | | | | | | | | | | | | | 24 |
| 25 | | ·47 | | | | | | | | | | | 25 |
| 26 | | | | | | | | | | | | | 26 |
| 27 | | | | | | | | | | | | | 27 |
| 28 | | | | | | | | | | | | | 28 |
| 29 | | | | | | | | | | ·55 | | | 29 |
| 30 | | × | | | | | | | | | | | 30 |
| 31 | | × | | × | | × | ·48 | | × | | × | | 31 |
| | | | | | | | | | | | | | YEAR'S TOTAL |
| TOTAL | 4.63 | 3.82 | 0.31 | 3.29 | 2·68 | 5·59 | 3.71 | 7·34 | 3.11 | 1·66 | 5·56 | 1·38 | 43.08 |
| *Days with ·01 in. or more. | 22 | 22 | 4 | 21 | 17 | 17 | 21 | 17 | 15 | 9 | 22 | 15 | 202 |
| *Days with ·04 in. or more. | 20 | 20 | 3 | 16 | 15 | 13 | 18 | 15 | 11 | 5 | 19 | 10 | 165 |
| 40-9999 | 117·6 | 97·1 | 7·9 | 83·5 | 68·1 | 141·9 | 94·2 | 186·3 | 79·0 | 42·2 | 141·3 | 35·1 | 1094·2 |

*See Instruction 2 (*f*) on other side.

(Signed)..........

P.T.O.

Section **A** for the entry of Daily Observations Station No.

METEOROLOGICAL OFFICE

METFORM 1090
(*Rev. Feb. 1965*)

# REGISTER OF RAINFALL IN 19~~6~~31

*Kept at* MANCHESTER WHITWORTH PARK.

*in the County of*

Diameter of funnel of gauge in.

Height of top of gauge above ground ft. in.

Height of ground above sea level ft.

COPY

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.* **Please read Notes and Instructions Overleaf**

Jan. 1, following

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ~~mm~~ | ~~in.~~ | ~~in.~~ | ~~in.~~ | ~~in.~~ | ~~in.~~ | ~~in.~~ | ~~in.~~ | ~~in.~~ | ~~in.~~ | ~~in.~~ | ~~in.~~ | ~~in.~~ | † | |
| 1 | 2·9 | – | – | 2·8 | – | – | – | – | 1·8 | 0·5 | – | – | | 1 |
| 2 | – | 2·1 | – | 17·7 | 1·3 | 20·7 | – | – | 15·1 | – | 1·2 | 0·7 | | 2 |
| 3 | – | – | – | 1·3 | – | 1·3 | 6·1 | – | 6·6 | – | 21·5 | 5·6 | | 3 |
| 4 | – | 0·6 | – | 8·1 | – | – | 3·6 | 8·2 | 19·8 | 0·5 | 2·1 | 7·0 | | 4 |
| 5 | – | 2·8 | – | – | 3·5 | 25·1 | 1·2 | 21·7 | 2·5 | – | – | 4·7 | | 5 |
| 6 | – | 7·0 | – | 0·2 | 2·1 | 8·4 | 5·2 | 0·2 | 5·2 | 11·9 | 8·4 | – | | 6 |
| 7 | – | – | – | – | – | 7·0 | – | 12·8 | – | 4·5 | 1·4 | 1·0 | | 7 |
| 8 | 0·9 | 2·2 | 0·2 | 2·8 | – | 0·4 | 3·7 | 7·0 | 0·2 | 0·3 | 5·5 | – | | 8 |
| 9 | 1·7 | 10·7 | 0·1 | 5·7 | – | 9·9 | 0·6 | 6·4 | 2·1 | – | 4·7 | 1·4 | | 9 |
| 10 | 1·7 | 1·1 | – | – | 4·2 | 7·3 | – | 5·5 | 1·6 | – | 8·0 | – | | 10 |
| 11 | 9·0 | 5·7 | – | 1·0 | – | 0·3 | 0·9 | – | 13·3 | – | 4·9 | – | | 11 |
| 12 | 1·4 | 6·1 | – | – | – | – | 10·9 | 0·2 | 1·2 | 2·7 | 4·3 | – | | 12 |
| 13 | – | – | 1·3 | – | 0·4 | 0·2 | 2·0 | 2·7 | – | – | – | – | | 13 |
| 14 | 3·8 | 3·1 | – | – | 1·7 | 24·0 | 2·7 | 26·9 | 0·7 | – | 13·0 | 0·9 | | 14 |
| 15 | 6·2 | 6·7 | – | 3·8 | 2·7 | – | 4·7 | 12·3 | 0·1 | – | – | 2·1 | | 15 |
| 16 | 10·3 | 3·6 | – | 6·6 | 9·6 | 10·2 | 0·5 | 30·8 | 7·4 | – | – | – | | 16 |
| 17 | 1·6 | 0·5 | – | 1·3 | 4·7 | – | 2·8 | 8·8 | 0·1 | – | 3·6 | – | | 17 |
| 18 | 11·6 | – | – | 1·7 | – | 18·2 | 12·2 | 2·5 | – | – | 19·8 | – | | 18 |
| 19 | 4·3 | 4·8 | – | 1·0 | – | – | 3·9 | 21·5 | 0·5 | 0·7 | – | – | | 19 |
| 20 | 0·4 | 4·9 | – | – | – | 1·3 | – | 12·3 | – | – | 0·2 | 0·2 | | 20 |
| 21 | 10·5 | 2·0 | 2·9 | – | 2·4 | 2·1 | – | 6·5 | – | – | 1·7 | – | | 21 |
| 22 | 1·5 | 1·1 | – | 0·8 | 1·3 | 0·8 | – | – | – | – | 1·5 | – | | 22 |
| 23 | 14·7 | – | 3·4 | 0·5 | 11·4 | 4·7 | 11·7 | – | – | – | 6·6 | 4·2 | | 23 |
| 24 | 3·5 | 4·7 | – | 0·9 | 11·3 | – | 1·1 | – | – | – | 0·3 | 0·9 | | 24 |
| 25 | 4·0 | 12·0 | – | 9·1 | 0·5 | – | – | – | – | – | 0·4 | 1·6 | | 25 |
| 26 | – | 2·1 | – | 14·6 | – | – | – | – | – | – | 12·1 | – | | 26 |
| 27 | 9·7 | 3·3 | – | 0·7 | 6·9 | – | 2·3 | – | – | 7·1 | 18·8 | 1·0 | | 27 |
| 28 | 8·1 | 10·0 | – | 1·3 | 1·9 | – | 1·5 | – | 0·1 | – | – | 3·1 | | 28 |
| 29 | 4·5 | X | – | – | 2·2 | – | 4·4 | – | – | 14·0 | 1·3 | – | | 29 |
| 30 | – | X | – | 1·6 | – | – | – | – | 0·7 | – | – | – | | 30 |
| 31 | 5·3 | X | – | X | – | X | 12·2 | – | X | – | X | 0·7 | | 31 |
| TOTAL | 117·6 | 97·1 | 7·9 | 83·5 | 68·1 | 141·9 | 94·2 | 186·3 | 79·0 | 42·2 | 141·3 | 35·1 | Year's Total<br>1094·2 | |
| *Days with .01 in. or more. | | | | | | | | | | | | | | |
| *Days with .04 in. or more. | | | | | | | | | | | | | | |

*See Instruction 3(*g*) on other side. †Spare column, no entries required, except year's total.

1094·2

(*Signed*) (P.T.O.)

2834

**Section** A **for the entry of Daily Observations.** **FOR OFFICIAL USE.**

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM

# REGISTER OF RAINFALL IN 1932.

*Kept at* Manchester (Whitworth Park)

*in the County of* Lancs.

A.P. 150 241

Diameter of Funnel of Gauge ...... in.

Height of top of Gauge above Ground ...... ft ...... in.

,, Ground ,, Sea Level 125 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.* ×

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | | | | | ·11 | – | ·16 | – | | | | | 1 |
| 2 | | | | | ·11 | – | ·06 | ·01 | ·85 | | | | 2 |
| 3 | | | | | – | – | ·26 | – | | | | | 3 |
| 4 | | | | | – | – | ·05 | – | | | | | 4 |
| 5 | | | | | ·05 | – | – | – | | | | | 5 |
| 6 | ·77 | | | ·48 | – | – | ·29 | – | | | | | 6 |
| 7 | | | | | – | – | – | – | | | | | 7 |
| 8 | | | | | – | – | – | – | | | | | 8 |
| 9 | | | | | ·13 | – | – | – | | | | | 9 |
| 10 | | | | | – | – | – | – | | | | | 10 |
| 11 | | | | | ·32 | – | ·42 | – | | | | | 11 |
| 12 | | | | | ·20 | – | – | – | | | | | 12 |
| 13 | | ·04 | | | ·08 | – | ·39 | ·11 | | | | | 13 |
| 14 | | | | | ·44 | – | ·53 | ·18 | | | | | 14 |
| 15 | | | | | ·79 | – | ·01 | – | | | | | 15 |
| 16 | | | | | – | – | – | – | | | | | 16 |
| 17 | | | | | – | – | ·05 | ·02 | | | | | 17 |
| 18 | | | | | ·02 | – | – | – | | | | | 18 |
| 19 | | | | | ·23 | – | – | – | | | | | 19 |
| 20 | | | | | ·47 | – | – | ·30 | | | | | 20 |
| 21 | | | ·35 | | ·43 | – | ·02 | ·26 | | | | | 21 |
| 22 | | | | | ·35 | – | ·06 | ·01 | | | ·72 | | 22 |
| 23 | | | | | ·35 | – | ·06 | – | | | | | 23 |
| 24 | | | | | ·04 | ·05 | ·30 | – | | | | | 24 |
| 25 | | | | | ·03 | ·02 | ·05 | – | | 1·24 | | | 25 |
| 26 | | | | | ·34 | – | ·12 | – | | | | | 26 |
| 27 | | | | | ·28 | ·03 | ·14 | – | | | | | 27 |
| 28 | | | | | ·11 | – | ·25 | – | | | | | 28 |
| 29 | | | | | – | ·03 | ·07 | ·57 | | | | ·25 | 29 |
| 30 | | × | | | – | 0·22 | ·01 | ·08 | | | | | 30 |
| 31 | | × | | × | ·02 | × | ·48 | ·04 | × | | × | | 32·21<br>31 |
| TOTAL | 3·39 | 0·09 | 1·81 | 2·93 | 4·46<br>~~4·44~~ | 0·35 | 3·78 | 1·58<br>~~[illegible]~~ | 3·29 | 6·78 | 2·63 | 1·12 | YEAR'S TOTAL<br>~~[illegible]~~ |
| *Days with ·01 in. or more. | 17 | 5 | 11 | 18 | 20 | 5 | 21 | 9 10 | 18 | 24 | 17 | 15 | 181 |
| *Days with ·04 in. or more. | 11 | 1 | 10 | 16 | 16 | 2 | 18 | 5 7 | 15 | 19 | 14 | 8 | 137 |
| 40-9999 | 86·1 | 2·4 | 46·1 | 74·3 | 112·9 | 9·0 | 96·1 | ~~38·8~~<br>39·8 | 83·6 | 172·2 | 66·9 | 28·5 | ~~879~~ |

(Signed) ...... [P.T.O.

*See Instruction 2 (*f*) on other side.

Section **A** for the entry of Daily Observations

Station No.

METEOROLOGICAL OFFICE

METFORM 1090
(*Rev. Feb. 1965*)

# REGISTER OF RAINFALL IN 19~~6~~32

COPY.

*Kept at* MANCHESTER WHITWORTH PARK.

*in the County of*

Diameter of funnel of gauge ..........in.

Height of top of gauge above ground ..........ft. ..........in.

Height of ground above sea level ..........ft.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.* **Please read Notes and Instructions Overleaf**

Jan. 1, following

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| mm | ~~in.~~ | ~~in.~~ | ~~in.~~ | ~~in.~~ | ~~in.~~ | ~~in.~~ | ~~in.~~ | ~~in.~~ | ~~in.~~ | ~~in.~~ | ~~in.~~ | ~~in.~~ | † | |
| 1 | 4·8 | – | – | 5·0 | 2·7 | – | 4·1 | – | 6·9 | 4·7 | 1·7 | 2·4 | | 1 |
| 2 | 13·5 | – | – | – | 2·7 | – | 1·4 | 0·3 | 21·7 | 4·2 | 1·0 | 4·4 | | 2 |
| 3 | – | – | – | – | – | – | 6·7 | – | 2·3 | 0·3 | 0·3 | 4·6 | | 3 |
| 4 | 0·4 | – | – | – | – | – | 1·3 | – | – | 1·0 | 4·7 | 0·4 | | 4 |
| 5 | 19·2 | – | 4·1 | 4·2 | 1·2 | – | 0·1 | – | 2·1 | – | – | 0·2 | | 5 |
| 6 | 19·6 | – | 1·3 | 12·3 | 0·1 | – | 7·3 | – | 6·0 | – | – | – | | 6 |
| 7 | 2·0 | – | 8·6 | 2·0 | – | – | – | – | 9·0 | 9·8 | – | – | | 7 |
| 8 | 0·3 | – | – | 2·3 | – | – | – | – | 1·0 | 15·0 | – | – | | 8 |
| 9 | 1·5 | 0·2 | – | 6·9 | 3·4 | – | – | – | 0·1 | – | 0·1 | 0·2 | | 9 |
| 10 | 8·0 | 0·5 | 0·5 | 0·5 | – | – | – | – | 10·7 | 11·3 | 0·1 | – | | 10 |
| 11 | 0·5 | 0·4 | – | 0·2 | 8·2 | – | 10·7 | – | 0·5 | – | – | – | | 11 |
| 12 | 5·5 | – | – | – | 5·0 | 0·1 | 0·1 | – | – | 9·6 | – | – | | 12 |
| 13 | 0·2 | 1·1 | – | – | 2·0 | – | 10·0 | 2·7 | 6·2 | 9·6 | 0·1 | 3·0 | | 13 |
| 14 | 0·8 | – | – | – | – | – | 13·5 | 4·5 | 0·2 | 2·7 | 1·3 | 2·2 | | 14 |
| 15 | – | – | – | – | 20·0 | – | 0·2 | – | – | 3·9 | 0·2 | – | | 15 |
| 16 | 6·1 | – | – | – | 0·1 | – | – | – | 0·1 | 0·9 | – | 0·7 | | 16 |
| 17 | – | – | – | – | – | – | 1·2 | 0·4 | 1·0 | 6·3 | – | – | | 17 |
| 18 | – | – | – | – | 0·5 | – | 0·1 | – | – | 0·9 | 0·6 | – | | 18 |
| 19 | – | – | – | 5·0 | 5·8 | – | – | – | – | 5·5 | – | 0·2 | | 19 |
| 20 | – | – | – | 5·0 | 11·9 | – | 0·1 | 7·6 | – | 3·9 | 3·0 | – | | 20 |
| 21 | 0·5 | – | 8·9 | 1·8 | 10·8 | – | 0·6 | 6·6 | – | 11·8 | 1·9 | – | | 21 |
| 22 | – | – | 2·0 | 3·0 | 8·9 | – | 1·4 | 0·3 | 0·4 | 0·8 | 18·3 | – | | 22 |
| 23 | – | – | – | 1·9 | 9·0 | – | 1·4 | – | – | 1·1 | 5·2 | 1·3 | | 23 |
| 24 | 1·3 | – | – | – | 0·9 | 1·3 | 7·7 | – | 4·0 | – | 7·6 | 0·6 | | 24 |
| 25 | – | 0·2 | – | 1·2 | 0·8 | 0·4 | 1·2 | – | 4·8 | 31·5 | 6·4 | – | | 25 |
| 26 | – | – | – | 3·3 | 8·6 | – | 3·1 | – | 2·2 | 11·2 | 4·8 | – | | 26 |
| 27 | – | – | 5·5 | 5·5 | 7·1 | 0·7 | 3·5 | – | – | 0·3 | 1·7 | – | | 27 |
| 28 | – | – | 2·2 | 3·8 | 2·7 | – | 6·3 | – | – | – | – | 0·3 | | 28 |
| 29 | 1·9 | – | 6·7 | 10·4 | 0·1 | 0·8 | 1·7 | 14·4 | 2·2 | 18·9 | 3·3 | 6·3 | | 29 |
| 30 | – | X | 3·9 | – | – | 5·7 | 0·3 | 2·0 | 2·2 | 7·0 | 4·6 | – | | 30 |
| 31 | – | X | 2·4 | X | 0·4 | X | 12·1 | 1·0 | X | – | X | 1·7 | | 31 |
| TOTAL | 86·1 | 2·4 | 46·1 | 74·3 | 112·9 | 9·0 | 96·1 | 39·8 | 83·6 | 172·2 | 66·9 | 28·5 | Year's Total 8179 | |
| *Days with .01 in. or more. | | | | | | | | | | | | | | |
| *Days with .04 in. or more. | | | | | | | | | | | | | | |

*See Instruction 3(*g*) on other side.

†Spare column, no entries required, except year's total.

(*Signed*) ..........

(P.T.O.)

2834

Section **A** for the entry of Daily Observations.

COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1009

# REGISTER OF RAINFALL IN 1933.

Kept at Manchester (Whitworth Park)
in the County of Lancs. AP
Diameter of Funnel of Gauge ........ in.
Height of top of Gauge above Ground ........ ft. ........ in.
,, Ground ,, Sea Level 125 ft.

Daily Values

150

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | ~~in.~~ m | ~~in.~~ mm. | in. | in. | in. | in. | |
| 1 | | | | | | | | tr | | | 5.2 .20 | tr | 1 |
| 2 | | | | .22 | .04 | .26 | | 2.2 .08 | | | — | — | 2 |
| 3 | | .47 | | | .55 | | | – | | | 0.5 .02 | — | 3 |
| 4 | | | | | .11 | | | – | | | — | — | 4 |
| 5 | | | | | .07 | | | – | | | 1.0 .04 | — | 5 |
| 6 | | | | | .06 | | | – | | | tr | 0.8 .03 | 6 |
| 7 | | | | | .05 | (14.2) .56 * | .5 .02 | | 22.6 .89 | — | 0.2 .01 | 7 |
| 8 | | | | .09 | .07 | .86 | 7.0 .28 | tr | | — | 0.2 .01 | 0.7 .03 | 8 |
| 9 | | | | .04 | .06 | | 10.9 .43 | .2 .01 | | 10.3 .40 | 3.9 .15 | — | 9 |
| 10 | | | | | | .09 | 1.0 .04 | – | | 22.7 .89 | 4.0 .16 | — | 10 |
| 11 | | | | .02 | | | 6.7 .26 | tr | | 9.9 .39 | — | 1.2 .05 | 11 |
| 12 | | | | | | .07 | 6.8 .26 | – | | 7.2 .28 | 0.2 .01 | tr | 12 |
| 13 | | | | | .37 | | 10.6 .42 | tr | 0.1 | 5.5 .22 | 3.4 .13 | – | 13 |
| 14 | | | | | .01 | | .2 .01 | 1.4 .05 | | 0.2 .01 | 5.5 .22 | – | 14 |
| 15 | .39 | | | | | | 1.2 .04 | 1.6 | | 10.3 | 3.4 .13 | tr | 15 |
| 16 | | | | | .02 | .08 | 5.1 .20 | .2 .01 | | 3.7 .15 | — | tr | 16 |
| 17 | | | 1.12 | | | .69 | — | 1.25 .05 | 0.9 .04 | tr | — | tr | 17 |
| 18 | | | | | | .98 | — | – | | | — | – | 18 |
| 19 | | | | | | .04 | .2 .01 | – | 8.6 .34 | | 1.7 .07 | 0.1 | 19 |
| 20 | | | | | | | — | 7.0 .28 | | | — | – | 20 |
| 21 | | | | | | .01 | — | 9.9 .39 | | | — | 0.1 | 21 |
| 22 | | | | | .09 | .50 | — | 2.9 .11 | | 1.3 .05 | — | – | 22 |
| 23 | | | | .09 | .03 | .07 | — | – | 6.0 .24 | 1.9 | tr | – | 23 |
| 24 | | | | .11 | .14 | .04 | — | – | 9.2 .36 | | tr | – | 24 |
| 25 | | | | .08 | | | — | – | 2.1 .08 | | tr | 2.2 .09 | 25 |
| 26 | | | | .22 | | | — | – | | 7.5 | tr | 0.1 | 26 |
| 27 | | | | | .09 | | — | – | 0.5 .02 | | — | 0.2 .01 | 27 |
| 28 | | | | .02 | | | 1.4 .06 | – | | 1.8 .07 | — | – | 28 |
| 29 | | | | .04 | | | 3.7 .15 | – | | tr | — | 1.1 .04 | 29 |
| 30 | | × | | .05 | | | 2.0 .08 | – | | 4.1 .16 | — | 4.4 .18 | 30 |
| 31 | | × | | × | | × | .9 .03 | 1.0 .04 | × | 7.4 .29 | × | — | 31 |
| TOTAL | 2.01 | 3.07 | 2.79 | 0.98 | 1.76 | 3.69 | 71.9 2.83 | 28.1 | 27.4 | 116.4 | 29.0 | 11.1 | YEAR'S TOTAL 25.47 |
| *Days with ·01 in. or more. | 14 | 14 | 15 | 11 | 15 | 12 | 15 | 10 11 | 6 | 15 | 11 | 8 | 147 |
| *Days with ·04 in. or more. | 13 | 12 | 10 | 9 | 11 | 10 | 12 | 8 | 4 | 14 | 8 | 4 | 115 |
| 40-9999 | 51.1 | 78.0 | 70.8 | 24.8 | 44.7 | 93.7 | 2.83 | 1.10 | 1.08 | 4.58 | 1.14 | 0.44 | 25.47 |

*See Instruction 2 (*f*) on other side.

(Signed) ........

P.T.O.

* Rainfall taken from Raingauge in Platt Fields ½ mile distant. See M. Return

## COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2834

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

Form 109

# REGISTER OF RAINFALL IN 1933.

*Kept at* Manchester, Whitworth Park

*in the County of* S. Lancashire 3

Diameter of Funnel of Gauge ........ in.

Height of top of Gauge above Ground ........ ft ........ in.

,, Ground ,, Sea Level ........ ft.

Dup.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | | | | | | | | | | | ·20 | | | 1 |
| 2 | | | | ·22 | ·04 | ·26 | | ·08 | | | | | | 2 |
| 3 | | | | | ·55 | | | | | | ·02 | | | 3 |
| 4 | | | | | ·11 | | | | | | | | | 4 |
| 5 | | | | | ·07 | | | | | | ·04 | | | 5 |
| 6 | | | | | ·06 | | | | | | | ·03 | | 6 |
| 7 | | | | | ·05 | | ·56 | ·02 | | ·89 | | ·01 | | 7 |
| 8 | | | | ·09 | ·07 | ·86 | ·28 | | | | ·01 | ·03 | | 8 |
| 9 | | | | ·04 | ·06 | | ·43 | ·01 | | ·40 | ·15 | | | 9 |
| 10 | | | | | | ·09 | ·04 | | | ·89 | ·16 | | | 10 |
| 11 | | | | ·02 | | | ·26 | | | ·39 | | ·05 | | 11 |
| 12 | | | | | | ·07 | ·26 | | | ·28 | ·01 | | | 12 |
| 13 | | | | | ·37 | | ·42 | | | ·22 | ·13 | | | 13 |
| 14 | | | | | ·01 | | ·01 | ·05 | | ·01 | ·22 | | | 14 |
| 15 | | | | | | | ·04 | ·06 | | ·41 | ·13 | | | 15 |
| 16 | | | | | ·02 | ·08 | ·20 | ·01 | | ·15 | | | | 16 |
| 17 | | | | | | ·69 | | ·05 | ·04 | | | | | 17 |
| 18 | | | | | | ·98 | | | | | | | | 18 |
| 19 | | | | | | ·04 | ·01 | | ·34 | | ·07 | | | 19 |
| 20 | | | | | | | | ·28 | | | | | | 20 |
| 21 | | | | | | ·01 | | ·39 | | | | | | 21 |
| 22 | | | | | ·09 | ·50 | | ·11 | | ·05 | | | | 22 |
| 23 | | | | ·09 | ·03 | ·07 | | | ·24 | ·07 | | | | 23 |
| 24 | | | | ·11 | ·14 | ·04 | | | ·36 | | | | | 24 |
| 25 | | | | ·08 | | | | | ·08 | | | ·09 | | 25 |
| 26 | | | | ·22 | | | | | | ·30 | | | | 26 |
| 27 | | | | | ·09 | | | | ·02 | | | ·01 | | 27 |
| 28 | | | | ·02 | | | ·06 | | | ·07 | | | | 28 |
| 29 | | | | ·04 | | | ·15 | | | | | ·04 | | 29 |
| 30 | | × | | ·05 | | | ·08 | | | ·16 | | ·18 | | 30 |
| 31 | | × | | × | | × | ·03 | ·04 | × | ·29 | × | | | 31 |
| TOTAL | | | | ·98 | 1·76 | 3·69 | 2·83 | 1·10 | 1·08 | 4·58 | 1·14 | ·44 | Year's Total | |
| *Days with ·01 in. or more. | | | | | | | | | | | | | | |
| *Days with .04 in. or more. | | | | | | | | | | | | | | |

40-9999

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) ........................................ [P.T.O.

**Section** A **for the entry of Daily Observations** **Station No.**

METEOROLOGICAL OFFICE

METFORM 1090
*(Rev. Feb. 1965)*

# REGISTER OF RAINFALL IN 19633

*Kept at* MANCHESTER WHITWORTH PARK

*in the County of*

Diameter of funnel of gauge in.

Height of top of gauge above ground ft. in.

Height of ground above sea level ft.

COPY.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.* **Please read Notes and Instructions Overleaf**

Jan. 1, following

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| mm | ~~in.~~ | ~~in.~~ | ~~in.~~ | ~~in.~~ | ~~in.~~ | ~~in.~~ | ~~in.~~ | ~~in.~~ | ~~in.~~ | ~~in.~~ | ~~in.~~ | ~~in.~~ | † | |
| 1 | 1·3 | 10·9 | — | — | — | — | — | — | — | — | 5·2 | — | | 1 |
| 2 | 7·7 | — | 2·9 | 5·6 | 0·9 | 6·5 | — | 2·2 | — | — | — | — | | 2 |
| 3 | — | 11·9 | 4·7 | — | 13·9 | — | — | — | — | — | 0·5 | — | | 3 |
| 4 | 6·2 | 0·9 | 3·6 | — | 2·7 | — | — | — | — | — | — | — | | 4 |
| 5 | 4·1 | 6·6 | 0·6 | — | 1·8 | — | — | — | — | — | 1·0 | — | | 5 |
| 6 | — | 2·7 | 3·9 | — | 1·5 | — | — | — | — | — | — | 0·8 | | 6 |
| 7 | 1·7 | 8·2 | 0·2 | — | 1·4 | — | 14·2 | 0·5 | — | 22·6 | — | 0·2 | | 7 |
| 8 | 4·9 | 1·1 | 4·7 | 2·2 | 1·7 | 21·9 | 7·0 | — | — | — | 0·2 | 0·7 | | 8 |
| 9 | — | 6·9 | — | 1·1 | 1·6 | — | 10·9 | 0·2 | — | 10·3 | 3·9 | — | | 9 |
| 10 | 2·1 | 3·3 | — | — | — | 2·4 | 1·0 | — | — | 22·7 | 4·0 | — | | 10 |
| 11 | — | — | — | 0·6 | — | — | 6·7 | — | — | 9·9 | — | 1·2 | | 11 |
| 12 | — | — | — | — | — | 1·9 | 6·8 | — | — | 7·2 | 0·2 | — | | 12 |
| 13 | — | — | — | — | 9·5 | — | 10·6 | — | 0·1 | 5·5 | 3·4 | — | | 13 |
| 14 | 3·7 | — | 0·7 | — | 0·3 | — | 0·2 | 1·4 | — | 0·2 | 5·5 | — | | 14 |
| 15 | 9·9 | — | 0·2 | — | — | — | 1·2 | 1·6 | — | 10·3 | 3·4 | — | | 15 |
| 16 | 2·7 | — | 3·2 | — | 0·4 | 2·1 | 5·1 | 0·2 | — | 3·7 | — | — | | 16 |
| 17 | 1·1 | — | 28·4 | — | — | 17·4 | — | 1·3 | 0·9 | — | — | — | | 17 |
| 18 | 0·5 | 0·1 | 4·0 | — | — | 24·8 | — | — | — | — | — | — | | 18 |
| 19 | — | 0·1 | 10·7 | — | — | 1·0 | 0·2 | — | 8·6 | — | 1·7 | 0·1 | | 19 |
| 20 | — | 3·9 | 0·2 | — | — | — | — | 7·0 | — | — | — | — | | 20 |
| 21 | — | 0·1 | — | — | — | 0·3 | — | 9·9 | — | — | — | 0·1 | | 21 |
| 22 | — | — | — | — | 2·3 | 12·8 | — | 2·9 | — | 1·3 | — | — | | 22 |
| 23 | — | — | — | 2·2 | 0·7 | 1·7 | — | — | 6·0 | 1·9 | — | — | | 23 |
| 24 | — | 3·4 | — | 2·7 | 3·7 | 0·9 | — | — | 9·2 | — | — | — | | 24 |
| 25 | — | 8·4 | — | 2·0 | — | — | — | — | 2·1 | — | — | 2·2 | | 25 |
| 26 | — | 9·3 | — | 5·6 | — | — | — | — | — | 7·5 | — | 0·1 | | 26 |
| 27 | — | 0·2 | — | — | 2·3 | — | — | — | 0·5 | — | — | 0·2 | | 27 |
| 28 | — | — | — | 0·5 | — | — | 1·4 | — | — | 1·8 | — | — | | 28 |
| 29 | — | X | — | 1·0 | — | — | 3·7 | — | — | — | — | 1·1 | | 29 |
| 30 | 1·5 | X | 2·7 | 1·3 | — | — | 2·0 | — | — | 4·1 | — | 4·4 | | 30 |
| 31 | 3·7 | X | 0·1 | X | — | X | 0·9 | 1·0 | X | 7·4 | X | — | | 31 |
| TOTAL | 51·1 | 78·0 | 70·8 | 24·8 | 44·7 | 93·7 | 71·9 | 28·2 | 27·4 | 116·4 | 29·0 | 11·1 | Year's Total<br>647·1 | |
| *Days with .01 in. or more. | | | | | | | | | | | | | | |
| *Days with .04 in. or more. | | | | | | | | | | | | | | |

*See Instruction 3(*g*) on other side. †Spare column, no entries required, except year's total.

(*Signed*) (P.T.O.)

2834
241

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1091.

# REGISTER OF RAINFALL IN 1934.

*Kept at* Manchester (Whitworth Park)

*in the County of* Lancs.

Diameter of Funnel of Gauge............in.

Height of top of Gauge above Ground.......ft.......in.

,, Ground ,, Sea Level 125 ft.

150

Daily Values.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | |
| 1 | 2.0 | – | tr | – | – | – | – | 1.9 | 1.3 | 0.3 | 1.1 | 15.2 | 1 |
| 2 | 0.2 | 0.2 | 2.5 | – | – | – | – | 11.6 | 0.6 | – | 5.2 | 6.9 | 2 |
| 3 | 0.6 | 0.1 | tr | – | tr | – | – | 2.6 | 0.4 | 1.3 | 0.5 | 0.6 | 3 |
| 4 | 6.6 | – | 4.6 | 0.5 | 1.6 | – | – | – | 0.9 | 26.3 | tr | 25.9 | 4 |
| 5 | – | – | 3.2 | tr | 1.6 | – | – | 12.0 | tr | 4.2 | – | 3.6 | 5 |
| 6 | – | – | 1.6 | 0.2 | 10.2 | 1.0 | – | 1.5 | – | 4.8 | tr | 8.1 | 6 |
| 7 | 6.7 | 0.1 | 2.0 | tr | tr | 3.0 | – | tr | – | 3.3 | 2.9 | 5.6 | 7 |
| 8 | – | – | 0.2 | – | 1.0 | 11.8 | – | 0.1 | – | 2.3 | 16.1 | 0.5 | 8 |
| 9 | – | 0.5 | 3.8 | 0.8 | – | – | – | 2.4 | 0.3 | 0.1 | 7.8 | 2.4 | 9 |
| 10 | – | – | 7.7 | 0.6 | – | – | – | 2.4 | tr | 7.3 | tr | tr | 10 |
| 11 | 1.8 | – | tr | 6.5 | – | – | – | 8.0 | – | tr | 0.4 | 2.5 | 11 |
| 12 | tr | tr | tr | 1.6 | – | tr | – | tr | – | 0.7 | tr | 0.3 | 12 |
| 13 | 49 | – | tr | 0.9 | 0.5 | – | 6.3 | tr | – | 2.3 | 0.2 | tr | 13 |
| 14 | 5.6 | – | 1.9 | tr | 1.3 | 0.2 | 41 | – | – | 7.6 | 0.2 | 1.7 | 14 |
| 15 | 3.1 | tr | 8.7 | – | 14.4 | tr | – | 2.6 | 3.3 | 0.1 | tr | 5.6 | 15 |
| 16 | 7.7 | tr | 2.2 | – | 4.1 | – | tr | tr | – | 0.5 | tr | 1.0 | 16 |
| 17 | 6.6 | – | 6.1 | tr | 2.4 | – | – | tr | 6.5 | 1.2 | – | 2.9 | 17 |
| 18 | 1.7 | – | 2.2 | 6.9 | 5.8 | 5.5 | 5.3 | 0.9 | – | – | – | 3.4 | 18 |
| 19 | – | – | 3.1 | 0.4 | 1.4 | 9.5 | – | tr | 7.4 | 3.0 | – | 0.1 | 19 |
| 20 | – | – | 0.5 | 1.5 | 2.0 | 1.0 | – | tr | 2.9 | 1.2 | 0.1 | 0.4 | 20 |
| 21 | 0.8 | – | 0.7 | 0.6 | 0.8 | 8.9 | – | 0.4 | 2.3 | 2.9 | tr | – | 21 |
| 22 | 0.9 | – | 1.0 | – | 0.1 | tr | – | 9.9 | 11.7 | 4.2 | tr | 0.4 | 22 |
| 23 | – | – | 3.9 | 12.3 | 0.2 | 2.1 | 4.0 | 0.8 | 0.2 | 3.9 | 0.5 | 1.7 | 23 |
| 24 | – | 3.9 | 0.4 | 3.5 | – | 0.9 | 3.1 | – | 2.5 | 0.4 | – | – | 24 |
| 25 | 0.5 | 3.4 | – | 3.2 | 0.9 | 0.2 | 3.9 | – | 3.4 | 5.6 | – | 9.3 | 25 |
| 26 | 1.2 | – | 0.2 | 2.9 | – | 0.6 | 8.9 | – | 5.7 | 2.8 | tr | 1.8 | 26 |
| 27 | – | – | tr | 1.4 | 0.2 | 5.4 | 9.1 | tr | 0.4 | 3.7 | 0.3 | 6.5 | 27 |
| 28 | – | – | – | tr | – | 1.6 | 2.1 | 8.7 | 2.0 | 2.0 | – | 11.7 | 28 |
| 29 | – | × | – | – | – | – | 1.4 | 7.6 | 9.5 | 14.1 | – | 2.6 | 29 |
| 30 | 2.4 | × | – | – | – | – | 0.9 | 3.2 | 2.2 | 7.0 | – | tr | 30 |
| 31 | – | × | – | × | – | × | 5.2 | 0.2 | × | 2.7 | × | 2.1 | 31 |
| TOTAL | 53.3 | 8.2 | 56.5 | 43.8 | 48.5 | 51.7 | 54.3 | 76.8 | 63.5 | 116.3 | 35.3 | 122.8 | YEAR'S TOTAL 731.0 |
| *Days with 0·2 mm. or more. | ~~17~~ | ~~4~~ | ~~20~~ | ~~16~~ | ~~16~~ | ~~14~~ | ~~12~~ | ~~17~~ | ~~19~~ | ~~26~~ | 11 | ~~25~~ | ~~197~~ |
| *Days with 1·0 mm. or more. | ~~12~~ | ~~2~~ | ~~15~~ | ~~9~~ | ~~11~~ | ~~10~~ | ~~11~~ | ~~13~~ | ~~13~~ | ~~22~~ | 5 | ~~20~~ | ~~143~~ |
| | ~~2.10~~ | ~~0.32~~ | ~~2.22~~ | ~~1.72~~ | 1.91 | 2.04 | 2.14 | 3.02 | 2.50 | ~~4.58~~ | ~~1.39~~ | ~~4.83~~ | ~~28.77~~ |

(144W)

40-9999

(Signed)........................ 23.44

P.T.O.

COPY FOR OFFICIAL USE.

2 834

Section **A** for the entry of Daily Observations.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1091.

# REGISTER OF RAINFALL IN 1935.

[illegible]pt at [illegible]anchester, Whitworth Park

in the County of Lancs A.P.

Diameter of Funnel of Gauge ........ in.

Height of top of Gauge above Ground 121 ft 0 in.

,, Ground ,, Sea Level 125 ft.

A.P. 150

241

TL

Daily Values.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | |
| 1 | 13.8 | 6.0 | – | 1.0 | – | 2.8 | 2.5 | – | 1.8 | 7.5 | – | 11.0 | 1 |
| 2 | 0.1 | 6.7 | 2.0 | – | – | 6.4 | – | – | 0.7 | 1.0 | 0.9 | 3.2 | 2 |
| 3 | 3.0 | 7.7 | 2.2 | 3.0 | – | 3.1 | 9.4 | | 3.6 | 0.8 | 2.8 | 2.5 | 3 |
| 4 | – | 0.4 | tr | – | – | 2.5 | – | – | 4.7 | 6.3 | – | Tr. | 4 |
| 5 | – | 7.5 | 2.5 | 5.1 | – | 1.9 | – | – | 4.8 | 1.1 | 4.3 | 5.9 | 5 |
| 6 | – | tr | tr | 1.0 | – | 4.6 | – | – | tr | – | – | 0.2 | 6 |
| 7 | tr | – | – | 3.0 | – | 7.9 | – | – | – | 4.1 | 10.9 | 6.5 | 7 |
| 8 | – | – | – | 1.8 | – | 5.6 | – | – | – | 1.0 | 2.3 | 5.7 | 8 |
| 9 | 0.5 | – | – | 5.3 | – | 2.4 | – | – | – | 34.2 | 1.4 | Tr. | 9 |
| 10 | tr | 1.4 | tr | 5.5 | – | 5 | – | – | – | 1.7 | 5.2 | Tr. | 10 |
| 11 | 8.6 | 1.6 | – | – | – | 2.0 | – | – | – | 4.0 | 2.2 | Tr. | 11 |
| 12 | tr | 1.0 | – | – | – | 9.1 | – | 0.1 | 1.7 | Tr. | Tr. | Tr. | 12 |
| 13 | 3.2 | 1.0 | – | 1.4 | 5.4 | 0.5 | – | – | 2.2 | 0.2 | Tr. | – | 13 |
| 14 | tr | – | – | 0.2 | 0.8 | 1.5 | – | – | 1.4 | Tr. | 28.3 | 6.7 | 14 |
| 15 | tr | 11.6 | – | 7.4 | 1.2 | . | 1.7 | – | 1.7 | 0.4 | 0.9 | 9.1 | 15 |
| 16 | 0.3 | 5.6 | 3.1 | 4.9 | 0.1 | 6.1 | 2.6 | 0.3 | 9.8 | 0.2 | 5.4 | Tr. | 16 |
| 17 | tr | 0.2 | – | 7.5 | 6.8 | 5.5 | 9.2 | 0.3 | 10.4 | 0.4 | 11.9 | – | 17 |
| 18 | – | – | – | 6.4 | 4.2 | 2.1 | 0.6 | 0.3 | 9.5 | 4.8 | 0.5 | – | 18 |
| 19 | – | tr | – | 5.7 | 2.1 | 7.4 | 3.9 | – | – | Tr. | 4.4 | Tr. | 19 |
| 20 | tr | 6.5 | tr | 10.4 | tr | 4.2 | 2.3 | – | – | Tr. | 0.3 | – | 20 |
| 21 | – | 8.0 | 0.5 | – | – | . | – | – | 12.5 | 4.7 | Tr. | 10.5 | 21 |
| 22 | – | 2.7 | 2.1 | – | – | . | – | – | 3.0 | – | 0.2 | – | 22 |
| 23 | 1.2 | – | 13.6 | – | – | . | – | 5.5 | 1.3 | 10.4 | – | Tr. | 23 |
| 24 | 8.1 | 7.2 | 1.0 | – | – | . | – | 2.0 | 27.7 | – | Tr. | 0.8 | 24 |
| 25 | 6.5 | 0.3 | 3.1 | – | – | . | – | – | – | – | 1.0 | 2.0 | 25 |
| 26 | – | 0.2 | – | – | – | 0.9 | – | 7.5 | 11.1 | 2.2 | 7.4 | 7.5 | 26 |
| 27 | – | 0.5 | – | – | – | . | 2.8 | 11.2 | 11.9 | 12.1 | 9.6 | 2.6 | 27 |
| 28 | 1.4 | 0.9 | – | – | 0.8 | 1.5 | – | 18.8 | 2.8 | 8.9 | 1.2 | 0.2 | 28 |
| 29 | 0.3 | × | 0.8 | – | – | . | – | 1.0 | 6.3 | 9.9 | 2.0 | 1.9 | 29 |
| 30 | 2.0 | × | tr | – | – | 3.5 | – | 3.3 | 4.0 | 8.3 | 12.7 | 1.5 | 30 |
| 31 | 3.6 | × | tr | × | – | × | – | 0.6 | × | 9.0 | × | 5.0 | 31 |
| TOTAL | 52.6 | 77.0 | 30.9 | 69.6 | 21.4 | 81.5 | 35.0 | 50.9 | 132.9 | 133.2 | 115.8 | 82.8 | YEAR'S TOTAL 883.6 |
| *Days with 0·2 mm. or more. | ~~13~~ | ~~20~~ | ~~10~~ | ~~16~~ | ~~7~~ | ~~21~~ | ~~9~~ | ~~11~~ | ~~21~~ | ~~23~~ | ~~22~~ | ~~18~~ | ~~191~~ |
| *Days with 1·0 mm. or more. | ~~10~~ | ~~14~~ | ~~8~~ | ~~15~~ | ~~5~~ | ~~19~~ | ~~8~~ | ~~7~~ | ~~20~~ | ~~18~~ | ~~17~~ | ~~15~~ | ~~156~~ |
| | ~~2.07~~ | ~~3.03~~ | ~~1.22~~ | ~~2.74~~ | 1.84 | ~~3.21~~ | ~~1.38~~ | ~~2.00~~ | 5.23 | 5.25 | ~~4.56~~ | ~~3.26~~ | ~~34.79~~ |

(144w)
40-9999

(Signed) ........................................ [P.T.O.

2834
~~241~~

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1091.

# REGISTER OF RAINFALL IN 1936.

*Kept at* Manchester, Whitworth Park
*in the County of* Lancs (A.P.)
Diameter of Funnel of Gauge ........ in.
Height of top of Gauge above Ground 1 ft 0 in.
,, Ground ,, Sea Level 125 ft.

TL
Daily Values
mm.
150
400

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | |
| 1 | 0.2 | 1.2 | 0.8 | 5.3 | – | Tr. | – | 10.9 | 2.1 | – | 3.9 | 4.3 | 1 |
| 2 | 1.1 | 3.8 | – | 1.1 | – | 8.5 | 2.2 | 2.2 | 0.4 | – | 1.2 | 4.1 | 2 |
| 3 | 2.5 | – | 0.2 | – | – | 1.9 | 0.7 | 1.3 | 4.8 | – | 0.1 | 0.6 | 3 |
| 4 | 3.6 | 7.3 | 4.6 | – | – | Tr. | Tr. | 0.8 | 20.6 | – | 6.6 | 4.6 | 4 |
| 5 | 1.1 | 0.4 | 7.1 | – | – | 0.1 | Tr. | 10.4 | 5.8 | – | 0.1 | 9.4 | 5 |
| 6 | 0.6 | – | 0.4 | – | Tr. | 0.3 | 2.5 | 8.3 | 8.4 | tr | 1.3 | Tr. | 6 |
| 7 | – | – | 0.8 | – | – | – | 2.1 | tr | 18.6 | tr | 1.4 | 7.8 | 7 |
| 8 | 3.6 | – | 4.2 | – | – | – | – | – | 0.2 | – | 8.1 | 1.9 | 8 |
| 9 | 5.9 | – | 0.4 | – | – | – | 1.6 | – | 1.2 | – | 8.5 | Tr. | 9 |
| 10 | 1.0 | – | – | – | – | – | 21.9 | – | 0.1 | – | 5.9 | Tr. | 10 |
| 11 | – | – | – | – | – | 3.6 | 4.2 | 1.4 | 0.5 | tr | 11.4 | 0.2 | 11 |
| 12 | – | – | – | 1.3 | 1.9 | 15.3 | 6.5 | – | 5.3 | 1.7 | 0.3 | 0.5 | 12 |
| 13 | 0.4 | – | – | Tr. | – | 3.1 | 2.8 | – | – | 3.1 | 0.3 | 14.6 | 13 |
| 14 | – | – | – | 0.4 | – | 9.8 | 4.2 | 2.6 | 9.7 | 2.7 | 7.4 | 11.9 | 14 |
| 15 | 5.0 | 0.9 | – | 1.3 | 3.4 | 2.0 | 0.9 | 5.0 | 0.5 | tr | 12.0 | 1.0 | 15 |
| 16 | 1.5 | 2.2 | 0.4 | Tr. | Tr. | – | 1.5 | – | Tr. | 0.6 | 16.4 | 0.7 | 16 |
| 17 | 1.9 | 7.2 | Tr. | 1.3 | – | – | 2.2 | 1.5 | – | 6.9 | 0.5 | 0.9 | 17 |
| 18 | – | 1.9 | – | 1.4 | – | 1.6 | 6.5 | 5.4 | – | 13.0 | – | – | 18 |
| 19 | 2.5 | 3.7 | 0.2 | 5.4 | – | 1.8 | 4.8 | 9.5 | – | 1.0 | – | – | 19 |
| 20 | 10.8 | 1.7 | Tr. | Tr. | – | – | 1.2 | tr | – | 0.3 | tr | – | 20 |
| 21 | 4.6 | – | Tr. | 0.6 | – | 4.4 | – | – | – | 1.6 | tr | Tr. | 21 |
| 22 | 4.5 | 4.9 | 0.5 | Tr. | Tr. | 18.7 | 6.8 | – | – | tr | – | 1.7 | 22 |
| 23 | – | Tr. | 3.4 | 2.4 | Tr. | – | 8.1 | tr | – | 1.5 | tr | Tr. | 23 |
| 24 | 1.4 | ·2 | Tr. | 0.6 | 1.8 | – | – | tr | 5.1 | 7.6 | 0.1 | 0.2 | 24 |
| 25 | 4.4 | – | – | 2.0 | – | Tr. | Tr. | – | 12.2 | 3.5 | tr | 0.4 | 25 |
| 26 | 2.6 | 5.7 | 0.4 | – | Tr. | – | 1.1 | tr | 1.1 | 9.8 | tr | – | 26 |
| 27 | 21.1 | Tr. | 0.6 | – | – | 0.3 | – | – | 2.0 | 9.5 | tr | – | 27 |
| 28 | 1.5 | 4.4 | 3.1 | – | – | – | 2.2 | – | Tr. | tr | tr | 3.2 | 28 |
| 29 | 1.3 | 4.9 | 9.4 | – | 0.2 | 15.7 | Tr. | – | – | 2.1 | 4.8 | 5.9 | 29 |
| RP 30 | 4.2 | ✕ | Tr. | – | 7.1 | – | 7.9 | tr | – | 108 | 2.8 | 1.0 | 30 |
| 31 | 3.9 | ✕ | 0.9 | ✕ | – | ✕ | 1.3 | 0.8 | ✕ | tr | ✕ | 4.9 | 31 |
| TOTAL | 91.2 | 50.4 | 37.4 | 23.1 | 14.4 | 87.1 | 93.2 | 60.1 | 98.6 | 75.7 | 93.1 | 79.8 | YEAR'S TOTAL<br>804.1 |
| *Days with 0·2 mm. or more. | ~~25~~ | ~~15~~ | ~~17~~ | ~~12~~ | ~~5~~ | ~~14~~ 15 | ~~22~~ | ~~13~~ | ~~17~~ | ~~16~~ | ~~19~~ | ~~21~~ | ~~194~~ 195 |
| *Days with 1·0 mm. or more. | ~~22~~ | ~~12~~ | ~~6~~ | ~~9~~ | ~~4~~ | ~~12~~ | ~~20~~ | ~~11~~ | ~~13~~ | ~~14~~ | ~~14~~ | ~~14~~ | ~~151~~ |
| (144W) | 3.59 | 1.98 | 1.47 | .91 | 0.57 | 3.43 | 3.67 | 2.37 | 3.88 | 2.98 | 3.67 | 3.14 | 31.66 |

40-9999

(Signed) ........................ [P.T.O.

FOR OFFICIAL USE. 2834 241

Sectio **A** for the entry of Daily Observations.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1091.

# REGISTER OF RAINFALL IN 1937.

*Kept at* Manchester (Whitworth Park)
*in the County of* Lancs. A.P

Diameter of Funnel of Gauge 8 in.
Height of top of Gauge above Ground 1 ft 0 in.
,, Ground ,, Sea Level 125 ft.

T.L. 150
Daily Values 400
mm.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | |
| 1 | 0.9 | 7.2 | 1.1 | 0.1 | - | tr | tr | - | 6.0 24 | 0.2 | tr | 11.2 | 1 |
| 2 | 1.4 | 3.7 | 1.6 | 4.1 | - | tr | 0.2 | - | - | tr | tr | 0.3 | 2 |
| 3 | Tr. | 1.6 | 1.2 | 1.2 | 3.0 | 10.0 | 0.8 | - | - | - | tr | tr | 3 |
| 4 | 5.7 | 0.3 | 0.3 | 1.6 | 1.5 | tr | tr | - | - | - | tr | 12.9 | 4 |
| 5 | 22.7 | - | 0.5 | tr | tr | 0.2 | tr | - | - | - | - | 5.0 | 5 |
| 6 | 3.9 | tr | - | 2.6 | 4.0 | - | tr | 9.7 | - | tr | - | 1.2 | 6 |
| 7 | Tr | 6.7 | - | 9.8 | .9 | 0.4 | - | - | 1.1 | - | - | 1.0 | 7 |
| 8 | - | 11.8 | - | 0.9 | tr | 1.2 | 7.4 | - | - | - | 2.0 | - | 8 |
| 9 | - | 4.5 | - | 0.8 | 4.4 | tr | 15.1 | 1.3 | - | tr | - | - | 9 |
| 10 | - | 4.0 | 0.3 | - | 0.1 | 1.1 | 0.4 | 2.0 | - | tr | - | 4.9 | 10 |
| 11 | Tr. | 0.4 | 1.6 | tr | 3.0 | - | 0.1 | - | - | - | tr | 2.2 | 11 |
| 12 | 0.9 | 10.0 | 0.2 | - | 0.5 | 1.7 | 0.6 | 0.8 | 6.1 | tr | tr | 3.1 | 12 |
| 13 | - | 4.1 | 0.1 | 0.2 | tr | 6.1 | - | 3.1 | tr | - | - | 5.6 | 13 |
| 14 | - | 0.7 | 2.5 | - | - | - | - | 4.9 | 1.2 | tr | 0.8 | 2.2 | 14 |
| 15 | 4.1 | 4.4 | - | 8.2 | - | - | 19.1 | - | 0.8 | - | tr | 0.7 | 15 |
| 16 | 2.4 | 8.9 | 2.1 | 10.3 | 0.2 | - | - | 1.4 | 2.1 | - | tr | - | 16 |
| 17 | 1.1 | 1.3 | 7.2 | 3.7 | 3.1 | 2.9 | - | tr | 0.5 | - | - | - | 17 |
| 18 | 16.6 | 3.5 | 3.9 | 1.8 | - | - | 0.6 | 3.3 | 1.8 | tr | 15.7 | - | 18 |
| 19 | 2.1 | 1.8 | 1.5 | 4.3 | 0.2 | 0.8 | 2.7 | tr | - | - | 7.0 | - | 19 |
| 20 | 0.6 | 2.2 | - | 9.7 | 6.9 | 0.4 | 4.5 | - | - | tr | - | 2.5 | 20 |
| 21 | 0.2 | 2.8 | 0.7 | 3.8 | 0.2 | - | 0.8 | - | - | 1.8 | tr | 1.2 | 21 |
| 22 | 0.4 | 2.2 | 2.4 | 0.1 | 0.2 | - | 0.4 | - | - | 7.6 | 3.5 | 1.8 | 22 |
| 23 | 2.1 | 1.6 | tr | - | 5.7 | - | 1.0 | - | - | 6.8 | 3.1 | - | 23 |
| 24 | 2.5 | 6.6 | 4.5 | - | 1.2 | - | 1.3 | - | 5.0 | 5.3 | - | 0.8 | 24 |
| 25 | Tr. | 7.8 | - | - | - | - | tr | 0.5 | 1.3 | 1.3 | - | tr | 25 |
| 26 | - | 19.8 | 2.5 | tr | 12.2 | - | tr | 0.5 | tr | tr | - | 0.9 | 26 |
| 27 | - | 2.0 | 0.1 | 3.8 | - | - | - | - | - | 6.7 | - | 0.5 | 27 |
| 28 | Tr. | - | tr | - | - | - | - | - | - | 4.1 | - | 1.3 | 28 |
| 29 | 0.1 | × | - | - | tr | 0.3 | - | - | - | 1.0 | 5.6 | tr | 29 |
| 30 | 3.2 | × | - | - | - | 5.1 | - | 3.5 | tr | 2.4 | 11.7 | tr | 30 |
| 31 | 6.9 | × | - | × | - | × | - | 0.3 | × | 2.1 | × | tr | 31 |
| TOTAL | 77.8 | 119.9 | 34.3 | 67.0 | 47.3 | 30.2 | 55.6 | 31.3 | 25.9 | 39.3 | 49.4 | 59.3 | YEAR'S TOTAL 637.3 |
| Days with 0·2 mm. or more. | ~~18~~ | ~~25~~ | ~~17~~ | ~~16~~ | ~~16~~ | ~~12~~ | ~~14~~ | ~~12~~ | ~~10~~ | ~~11~~ | ~~8~~ | ~~19~~ | ~~178~~ |
| Days with 1·0 mm. or more. | 13 | 22 | 12 | 13 | ~~10~~ | ~~7~~ | ~~7~~ | ~~8~~ | ~~8~~ | ~~10~~ | ~~7~~ | ~~14~~ | ~~131~~ |
| | ~~2.48~~<br>3.06 | 4.72 | ~~1.35~~ | ~~2.64~~ | ~~1.86~~ | ~~1.19~~ | ~~2.19~~ | 1.23 | ~~1.02~~ | ~~1.55~~ | 1.94 | ~~2.33~~ | ~~25.08~~ |

(144W)
40-9999

(Signed) ........................................ [P.T.O.

241

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2834

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1091.

# REGISTER OF RAINFALL IN 1938.

*Kept at* Manchester (Whitworth Park)

*in the County of* Lancs. A.P.

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 125 ft.

T. L.

Daily Values.

150
400

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | | |
| 1 | - | 1.9 | - | 0.2 | - | 21.2 | - | 7.6 | - | 0.5 | 4.1 | 10.4 | | 1 |
| 2 | - | ·3 | tr | 5.8 | 0.2 | 4.2 | 0.2 | - | - | 13.3 | 1.5 | 3.9 | | 2 |
| 3 | ·9 | tr | - | ·6 | - | 5.6 | 5.8 | - | 5.0 | 20.9 | 5.1 | 0.4 | | 3 |
| 4 | ·8 | - | - | 1.0 | - | 0.2 | 5.0 | 3.7 | - | 1.3 | 1.1 | 12.3 | | 4 |
| 5 | 1.4 | ·1 | - | 0.4 | - | 0.7 | 4.8 | tr | 3.8 | 8.9 | tr | 0.9 | | 5 |
| 6 | 2.6 | ·7 | - | - | - | 1.2 | 9.7 | - | 9.2 | 4.7 | - | tr | | 6 |
| 7 | 7.7 | ·1 | - | - | - | - | 9.4 | 3.9 | 5.6 | 2.1 | - | - | | 7 |
| 8 | 12.7 | ·4 | tr | - | - | - | 9.8 | 0.9 | tr | 15.2 | - | 5.0 | | 8 |
| 9 | ·8 | 7.8 | 5.8 | - | - | 8.7 | 6.4 | 1.4 | - | 0.2 | - | 5.0 | | 9 |
| 10 | ·5 | ·6 | tr | - | - | 0.2 | 18.6 | - | 0.2 | 3.9 | - | 0.7 | | 10 |
| 11 | 5.8 | ·9 | - | - | tr | 0.4 | 8.1 | 3.9 | 0.4 | 2.6 | 2.3 | 1.2 | | 11 |
| 12 | 1.5 | tr | - | - | 2.5 | - | 0.3 | 1.9 | tr | 28.5 | 6.8 | tr | | 12 |
| 13 | ·5 | tr | - | - | tr | - | 2.0 | - | 3.3 | 2.0 | 2.1 | 6.7 | | 13 |
| 14 | 7.6 | tr | - | - | 1.2 | tr | 3.8 | - | 3.1 | 0.1 | - | tr | | 14 |
| 15 | 3.7 | - | - | - | 1.5 | tr | 7.9 | 5.0 | tr | 2.5 | - | 3.2 | | 15 |
| 16 | 10.2 | - | ·8 | - | 6.4 | - | 2.7 | 0.6 | 0.2 | tr | 1.7 | 2.9 | | 16 |
| 17 | - | tr | - | - | 8.0 | - | 1.6 | 2.1 | 1.8 | 3.4 | 0.3 | 0.3 | | 17 |
| 18 | 1.3 | - | - | - | 2.2 | 4.6 | - | 2.3 | 0.2 | 9.4 | 6.8 | tr | | 18 |
| 19 | tr | - | - | - | - | - | - | 4.5 | 0.2 | tr | tr | 0.3 | | 19 |
| 20 | 3.8 | - | ·4 | - | tr | - | tr | 1.6 | 0.3 | - | 9.7 | 0.2 | | 20 |
| 21 | - | - | ·3 | tr | - | 0.4 | - | 1.9 | 0.1 | - | 1.3 | tr | | 21 |
| 22 | - | tr | - | tr | 1.3 | 6.6 | - | - | 0.2 | - | 5.4 | tr | | 22 |
| 23 | - | - | - | - | 1.4 | 4.4 | - | - | 2.2 | tr | 8.6 | - | | 23 |
| 24 | 4.2 | 1.2 | 7.3 | - | 0.8 | 2.0 | 3.4 | 9.9 | 0.8 | 0.2 | 4.3 | - | | 24 |
| 25 | 1.0 | 5.9 | 1.2 | - | tr | 0.8 | 4.4 | 0.2 | tr | 13.3 | 19.7 | tr | | 25 |
| 26 | 4.4 | 5.3 | 6.1 | - | 0.4 | 6.9 | 0.7 | 0.2 | 1.5 | 8.3 | 9.9 | 3.4 | | 26 |
| 27 | 9.5 | 1.5 | tr | - | 14.8 | 2.8 | 2.1 | 6.9 | 0.8 | 0.2 | 7.6 | - | | 27 |
| 28 | 3.1 | ·5 | 1.0 | - | 2.6 | 12.8 | 3.7 | 6.0 | 1.2 | 2.2 | 1.2 | 4.0 | | 28 |
| 29 | 5.5 | ✕ | 4.5 | - | 33.3 | 7.4 | 3.4 | tr | - | 1.2 | 1.9 | 9.4 | | 29 |
| 30 | 3.9 | ✕ | - | - | 3.8 | 0.3 | tr | - | 6.4 | tr | 2.7 | 0.9 | | 30 |
| 31 | 3.8 | ✕ | ·4 | ✕ | 6.6 | ✕ | - | - | ✕ | 11.2 | ✕ | 19.3 | | 31 |
| TOTAL | 97.2 | 27.2 | 27.8 | 8.0 | 87.0 | 91.4 | 113.8 | 64.5 | 46.5 | 156.1 | 104.1 | 90.4 | Year's Total 914.0 | |
| * Days with 0.2 mm. or more. | 24 | 12 | 10 | 5 | 16 | 20 | 22 | 19 | 20 | 23 | 21 | 20 | 212 ✓ | |
| * Days with 1.0 mm. or more. | 19 | 6 | 6 | 2 | 13 | 13 | 19 | 15 | 11 | 19 | 20 | 13 | 156 ✓ | |

(14tw) * See Instruction 2 (f) on other side. † Spare column, no entries required, except year's total.

40-9999. ~~3·83~~ 1·07 ✓ 1·09 2·47 ·31 3·43 3·60 4·48 (Signed) ~~2·54~~ 1·83 6·15 ~~4·10~~ 3·56 35·99 ✓ [P.T.O.

~~241~~

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2834

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1091.

# REGISTER OF RAINFALL IN 1939 .

Kept at Manchester (Whitworth Pk.)
in the County of Lancs. A.P.
Diameter of Funnel of Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 0 in.
,, Ground ,, Sea Level 125 ft.

150

T.L.

Daily Values

400

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf.

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | † | |
| 1 | 3.0 | tr | 0.2 | 4.6 | – | – | 0.5 | 0.2 | 5.0 | tr | – | 2.7 | | 1 |
| 2 | 1.0 | tr | – | 5.1 | – | – | 6.7 | 9.2 | 14.2 | – | 2.5 | 0.5 | | 2 |
| 3 | 2.7 | – | – | 5.3 | – | – | – | 1.7 | – | – | 0.6 | 12.3 | | 3 |
| 4 | 2.2 | 0.1 | 5.7 | 3.8 | – | – | 11.9 | tr | tr | 1.1 | 2.0 | 26.6 | | 4 |
| 5 | – | – | – | tr | 9.4 | – | 1.8 | 0.4 | – | 2.1 | 7.2 | 0.4 | | 5 |
| 6 | 24.6 | 1.6 | 0.6 | – | 0.8 | – | 8.1 | – | – | – | 1.2 | – | | 6 |
| 7 | 1.4 | 4.1 | 0.9 | – | 7.1 | – | 2.6 | – | – | tr | 3.1 | 14.3 | | 7 |
| 8 | 8.3 | 1.6 | 7.0 | 0.1 | tr | – | 28.6 | 0.9 | – | 4.8 | 5.9 | 4.8 | | 8 |
| 9 | – | 9.9 | tr | – | tr | – | tr | 5.9 | tr | 7.2 | 1.1 | 9.8 | | 9 |
| 10 | 3.6 | 0.4 | 0.7 | – | tr | 1.5 | – | 9.3 | 7.3 | 2.3 | – | 1.6 | | 10 |
| 11 | 8.5 | 1.2 | 3.0 | – | – | 4.2 | – | 0.5 | – | 1.2 | 0.5 | – | | 11 |
| 12 | 10.7 | 2.8 | – | – | – | 0.2 | – | – | tr | 0.1 | – | – | | 12 |
| 13 | tr | tr | tr | 5.6 | – | 4.1 | 1.6 | – | 0.3 | 0.3 | 0.2 | – | | 13 |
| 14 | 11.0 | – | – | 0.3 | 14.1 | 7.1 | 5.7 | – | – | tr | 2.0 | – | | 14 |
| 15 | 1.8 | 0.2 | tr | 10.8 | 4.7 | 18.1 | 4.8 | – | – | – | 2.3 | tr | | 15 |
| 16 | 0.8 | tr | 0.6 | 0.1 | 2.4 | tr | 6.7 | – | – | 0.4 | 2.3 | – | | 16 |
| 17 | 15.7 | 3.8 | 0.1 | 0.5 | 5.9 | 0.1 | 1.3 | – | – | 6.4 | 1.6 | – | | 17 |
| 18 | 3.4 | 3.8 | 1.0 | – | 0.7 | 9.5 | 7.4 | – | – | – | 24.9 | – | | 18 |
| 19 | 6.5 | tr | – | – | tr | 0.1 | 3.2 | – | – | – | – | – | | 19 |
| 20 | 0.7 | – | 1.2 | – | 1.4 | 8.9 | 3.1 | 5.5 | 0.1 | tr | – | – | | 20 |
| 21 | 1.6 | 1.4 | 10.3 | 2.5 | 1.1 | 0.2 | tr | 7.1 | 1.4 | 0.1 | – | – | | 21 |
| 22 | 1.5 | 5.2 | 3.1 | 4.9 | 0.8 | – | 2.7 | – | – | tr | 15.8 | – | | 22 |
| 23 | tr | 13.8 | 0.7 | 9.6 | tr | 0.9 | 1.6 | – | – | 6.1 | 5.2 | – | | 23 |
| 24 | 0.2 | 1.5 | tr | tr | – | tr | 0.9 | – | – | 9.6 | 0.4 | 0.3 | | 24 |
| 25 | 6.2 | 5.6 | tr | tr | – | – | tr | – | – | 0.1 | 23.0 | – | | 25 |
| 26 | 0.1 | 0.1 | tr | tr | – | – | – | 2.9 | – | 2.0 | 7.6 | 0.5 | | 26 |
| 27 | 2.1 | 32.7 | 1.1 | – | – | 4.6 | 1.1 | 0.4 | – | 0.9 | 2.8 | – | | 27 |
| 28 | 0.2 | 2.9 | 4.4 | 0.8 | – | 1.8 | 11.6 | – | – | – | 16.8 | 2.2 | | 28 |
| 29 | – | ✕ | 0.1 | tr | – | 0.2 | 36.9 | – | – | 2.3 | 2.9 | – | | 29 |
| 30 | – | ✕ | – | – | – | 4.1 | 4.1 | – | – | – | 3.5 | – | | 30 |
| 31 | – | ✕ | – | ✕ | – | ✕ | 2.5 | – | ✕ | tr | ✕ | – | | 31 |
| TOTAL | 117.8 | 92.7 | 40.7 | 54.0 | 48.4 | 65.6 ✓ | 155.4 | 44.0 | 28.3 | 38.0 | 135.4 | 76.0 | Year's Total 896.3 | |
| * Days with 0.2 mm. or more. | ~~23~~ | ~~17~~ | ~~15~~ | ~~12~~ | ~~11~~ | ~~14~~ | ~~23~~ | ~~12~~ | ~~6~~ | ~~14~~ | ~~21~~ | ~~12~~ | ~~183~~ | |
| * Days with 1.0 mm. or more. | ~~19~~ | ~~15~~ | ~~9~~ | ~~9~~ | ~~8~~ | ~~10~~ | ~~21~~ | ~~7~~ | ~~4~~ | ~~10~~ | ~~20~~ | ~~8~~ | ~~140~~ | |

(141w) * See Instruction 2 (f) on other side. † Spare column, no entries required, except year's total.

40-9999. ~~4.64 3.65 1.60~~ 2.13 ✓ 1.91 ✓ 2.58 6.12 ✓ 1.73 ~~1.11~~ 1.50 5.33 2.99 ~~35.29~~

(Signed) ................................ [P.T.O.

241

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations — Station No. 2834 ✓

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1091.

# REGISTER OF RAINFALL IN 19340

Kept at Manchester (Whitworth Pk)
in the County of Lancs. A.P.
Diameter of Funnel of Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" Ground " Sea Level 125 ft.

FL 150 400

Daily Values

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

5 4 6 7 1 3 1 2 7 5 1 5

Please read the Notes and Instructions Overleaf

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | | |
| 1 | - | 1.9 | - | 2.5 | - | - | tr | - | 0.1 | tr | 6.8 | 3.0 | | 1 |
| 2 | - | - | - | 6.7 | - | - | 1.0 | - | - | - | 5.3 | 5.5 | | 2 |
| 3 | 0.2 | 0.8 | tr | 3.9 | - | - | 1.7 | - | 0.4 | 4.7 | 1.0 | 1.1 | | 3 |
| 4 | - | 1.4 | tr | tr | - | - | 0.3 | - | - | 2.7 | 6.5 | 5.6 | | 4 |
| 5 | tr | - | - | - | 4.5 | - | 5.0 | - | tr | 8.3 | 0.2 | 7.5 | | 5 |
| 6 | 1.2 | 6.9 | - | - | - | - | 1.6 | - | - | 12.9 | 3.3 | 2.5 | | 6 |
| 7 | 0.4 | 4.5 | 0.3 | 4.6 | 2.0 | - | 4.0 | 2.6 | 3.8 | 0.1 | - | tr | | 7 |
| 8 | tr | - | - | 1.9 | - | - | - | 0.1 | tr | 1.4 | 0.2 | 6.3 | | 8 |
| 9 | - | - | 6.3 | - | - | - | 19.4 | 5.2 | 5.9 | 5.7 | 27.2 | 5.5 | | 9 |
| 10 | - | - | 0.9 | - | - | tr | 9.4 | 4.9 | - | 4.4 | 7.2 | 8.9 | | 10 |
| 11 | - | 0.5 | 0.9 | 2.3 | - | 2.0 | 0.5 | - | - | - | 28.0 | tr | | 11 |
| 12 | - | tr | 10.8 | tr | - | 0.1 | 1.8 | 1.0 | 8.3 | - | 12.2 | - | | 12 |
| 13 | - | tr | 4.9 | tr | - | - | - | 0.9 | 3.9 | - | - | 1.2 | | 13 |
| 14 | - | 0.8 | 0.4 | 5.1 | 6.0 | - | 2.7 | 3.7 | 1.7 | tr | 2.3 | 6.1 | | 14 |
| 15 | 0.9 | - | 0.1 | 4.4 | 0.6 | .09 | - | - | 1.4 | 0.5 | 1.2 | 0.4 | | 15 |
| 16 | 0.7 | 0.9 | 3.4 | 2.5 | - | - | 10.3 | - | 27.2 | 13.7 | 3.4 | 3.0 | | 16 |
| 17 | - | - | 19.5 | 0.5 | 1.9 | - | 4.9 | - | 12.0 | - | 15.8 | 0.2 | | 17 |
| 18 | 2.5 | 4.9 | 5.4 | 7.4 | - | - | 0.2 | 11.3 | 6.9 | tr | 0.1 | 5.1 | | 18 |
| 19 | tr | 6.1 | 3.7 | 0.4 | - | - | 7.7 | - | 5.8 | tr | 5.1 | tr | | 19 |
| 20 | - | tr | tr | 4.1 | - | - | 15.7 | 7.0 | 0.1 | 4.1 | 0.4 | - | | 20 |
| 21 | - | - | 1.1 | - | tr | 11.5 | 0.5 | - | tr | 0.8 | 19.9 | - | | 21 |
| 22 | - | 0.7 | 0.4 | - | 3.4 | 0.9 | - | 1.8 | 7.8 | 0.2 | - | - | | 22 |
| 23 | - | 5.7 | 0.7 | 2.9 | 8.4 | - | 0.7 | - | 2.0 | - | 3.6 | - | | 23 |
| 24 | 5.8 | tr | tr | - | - | tr | 0.4 | tr | 0.5 | 0.1 | - | 0.2 | | 24 |
| 25 | 0.1 | - | - | tr | 0.1 | 0.8 | 0.3 | - | tr | 0.2 | - | tr | | 25 |
| 26 | 18.5 | 1.3 | 1.6 | tr | 0.6 | 0.2 | 1.5 | - | tr | - | 0.6 | tr | | 26 |
| 27 | 16.4 | 6.3 | - | - | - | - | 8.4 | - | tr | - | 2.4 | tr | | 27 |
| 28 | 3.1 | 5.0 | tr | - | 6.6 | - | - | 1.3 | - | - | - | tr | | 28 |
| 29 | tr | - | 5.4 | tr | 0.3 | 6.3 | 2.3 | - | - | 0.5 | - | 15.5 | | 29 |
| 30 | 0.6 | ✕ | - | tr | - | - | - | - | - | 6.9 | - | 3.6 | | 30 |
| 31 | 1.9 | ✕ | 4.8 | ✕ | 0.2 | ✕ | - | 1.2 | ✕ | 19.6 | ✕ | 0.1 | | 31 |
| TOTAL | 52.3 | 47.7 | 40.6 | 49.2 | 34.6 | 22.7 | 100.3 | 41.0 | 87.8 | 86.8 | 152.7 | 81.3 | Year's Total 827.0 | |
| * Days with 0.2 mm. or more. | 12 | 15 | 17 | 14 | 11 | 7 | 20 | 11 | 14 | 16 | 21 | 18 | 179 | |
| * Days with 1.0 mm. or more. | 7 | 10 | 11 | 12 | 7 | 3 | 16 | 10 | 12 | 11 | 17 | 15 | 131 | |

(14iw) * See Instruction 3 (f) on other side. † Spare column, no entries required, except year's total.

2.06 1.88 2.78 1.94 1.36 .89 3.95 (Signed) 1.61 3.46 3.42 6.01 3.20 32.56 P.T.O.

Section **A** for the entry
AIR MINIST

2835 —

KNOTT HILL RES

1931 - 40

780501

2835

OPY FOR OFFICIAL USE.
ORGANIZATION.

FORM 1090.

REGIS

*Kept at* Knott Hill Res

*in the County of* LANC

Diameter of Funnel of Gauge

Height of top of Gauge above Grou

,, Ground ,, Sea

**THE MORNING MEAS**

*An observer who does not conform t* *owing*
*year in the space on the right of t*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·08 | – | – | ·23 | – | ·54 | – | – | ·06 | ·05 | – | – | 1 |
| 2 | ·02 | ·10 | – | ·67 | ·03 | ·98 | ·01 | – | ·93 | ·01 | ·04 | ·05 | 2 |
| 3 | – | – | – | ·04 | – | – | ·34 | – | ·61 | – | ·88 | ·37 | 3 |
| 4 | – | ·07 | – | ·53 | – | – | ·17 | ·03 | 1·47 | ·03 | ·07 | ·30 | 4 |
| 5 | – | ·04 | – | – | ·17 | ·89 | ·02 | ·49 | ·05 | – | – | ·20 | 5 |
| 6 | – | ·22 | ·01 | ·01 | ·01 | ·25 | ·37 | ·05 | ·24 | ·72 | ·31 | – | 6 |
| 7 | – | – | – | – | – | ·46 | ·49 | ·34 | – | ·17 | ·05 | ·10 | 7 |
| 8 | ·07 | ·12 | ·03 | ·17 | ·04 | ·01 | ·28 | ·21 | ·11 | ·02 | ·20 | ·02 | 8 |
| 9 | ·01 | ·64 | ·04 | ·23 | ·01 | ·49 | – | ·53 | ·09 | – | ·25 | ·04 | 9 |
| 10 | ·11 | ·09 | ·03 | – | ·27 | ·30 | – | ·22 | ·07 | ·03 | ·24 | ·01 | 10 |
| 11 | ·54 | ·33 | – | ·05 | – | ·03 | ·06 | ·01 | ·52 | – | ·30 | – | 11 |
| 12 | ·08 | ·43 | – | – | – | – | ·47 | ·02 | – | ·16 | ·10 | ·01 | 12 |
| 13 | – | – | ·10 | – | ·09 | ·01 | ·26 | ·16 | – | – | – | – | 13 |
| 14 | ·16 | ·14 | – | ·01 | ·04 | 1·18 | ·07 | ·66 | ·06 | – | ·40 | ·03 | 14 |
| 15 | ·24 | ·28 | – | ·17 | ·13 | ·01 | ·14 | ·47 | – | – | ·01 | ·16 | 15 |
| 16 | ·52 | ·13 | – | ·31 | ·37 | ·64 | ·10 | 1·03 | ·30 | – | – | – | 16 |
| 17 | ·04 | ·14 | – | ·26 | ·03 | ·05 | ·32 | ·63 | ·02 | – | ·08 | – | 17 |
| 18 | ·40 | ·03 | – | ·28 | – | ·64 | ·45 | ·15 | – | – | ·86 | – | 18 |
| 19 | ·20 | ·24 | – | ·12 | – | – | ·07 | ·94 | – | ·02 | – | ·01 | 19 |
| 20 | ·02 | ·22 | ·08 | ·05 | – | ·08 | – | ·46 | – | – | ·04 | – | 20 |
| 21 | ·56 | ·06 | ·04 | ·01 | ·14 | ·15 | ·02 | ·23 | – | – | ·05 | – | 21 |
| 22 | ·05 | ·09 | ·01 | ·06 | ·08 | ·08 | – | – | – | – | ·03 | – | 22 |
| 23 | ·55 | – | ·03 | ·12 | ·25 | ·19 | ·51 | – | – | – | ·46 | ·16 | 23 |
| 24 | ·05 | ·37 | – | ·03 | ~~·64~~·61 | – | ·07 | – | – | – | ·01 | ·05 | 24 |
| 25 | ·10 | ·82 | – | ·38 | ·04 | – | ·01 | – | – | – | ·04 | ·15 | 25 |
| 26 | ·02 | ·12 | – | ·24 | – | – | – | – | – | – | ·56 | ·01 | 26 |
| 27 | ·41 | ·12 | – | ·03 | ·12 | – | ·28 | – | – | ·39 | ·75 | ·06 | 27 |
| 28 | ·54 | ·35 | – | ·03 | ·04 | – | ·07 | – | – | – | ·03 | ·09 | 28 |
| 29 | ·25 | × | – | – | ·20 | – | ·16 | – | – | ·52 | ·02 | – | 29 |
| 30 | ·01 | × | – | ·10 | ·01 | – | ·02 | – | ·11 | – | ·01 | – | 30 |
| 31 | ·28 | × | – | × | – | × | ·05 | – | × | ·01 | × | ·07 | 31 |
| TOTAL | 5·31 | 5·15 | 0·37 | 4·13 | 2·68 | 6·98 | 4·81 | 6·63 | 4·64 | 2·13 | 5·79 | 1·89 | YEAR'S TOTAL 50·51 |
| *Days with ·01 in. or more. | 25 | 23 | 9 | 24 | 20 | 19 | 25 | 18 | 14 | 12 | 25 | 19 | 233 |
| *Days with ·04 in. or more. | 20 | 22 | 4 | 18 | 15 | 16 | 20 | 15 | 13 | 7 | 19 | 13 | 182 |

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*See Instruction 2 (*f*) on other side.

(Signed) M. T. B. Whitson B.Sc. A.M.Inst.C.E.

P.T.O.

2835

**Section** A for the entry OPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1932.

*Kept at* Knott Hill Reservoir.

*in the County of* LANCASTER.

Diameter of Funnel of Gauge 6 in.

Height of top of Gauge above Ground 1 ft. - in.

,, Ground ,, Sea Level 605 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·08 | - | - | ·23 | - | ·54 | - | - | ·06 | ·05 | - | - | 1 |
| 2 | ·02 | ·10 | - | ·67 | ·03 | ·98 | ·01 | - | ·93 | ·01 | ·04 | ·05 | 2 |
| 3 | - | - | - | ·04 | - | - | ·34 | - | ·61 | - | ·88 | ·37 | 3 |
| 4 | - | ·07 | - | ·53 | - | - | ·17 | ·03 | 1·47 | ·03 | ·07 | ·30 | 4 |
| 5 | - | ·04 | - | - | ·17 | ·89 | ·02 | ·49 | ·05 | - | - | ·20 | 5 |
| 6 | - | ·22 | ·01 | ·01 | ·01 | ·25 | ·37 | ·05 | ·24 | ·72 | ·31 | - | 6 |
| 7 | - | - | - | - | - | ·46 | ·49 | ·34 | - | ·17 | ·05 | ·10 | 7 |
| 8 | ·07 | ·12 | ·03 | ·17 | ·04 | ·01 | ·28 | ·21 | ·11 | ·02 | ·20 | ·02 | 8 |
| 9 | ·01 | ·64 | ·04 | ·23 | ·01 | ·49 | - | ·53 | ·09 | - | ·25 | ·04 | 9 |
| 10 | ·11 | ·09 | ·03 | - | ·27 | ·30 | - | ·22 | ·07 | ·03 | ·24 | ·01 | 10 |
| 11 | ·54 | ·33 | - | ·05 | - | ·03 | ·06 | ·01 | ·52 | - | ·30 | - | 11 |
| 12 | ·08 | ·43 | - | - | - | - | ·47 | ·02 | - | ·16 | ·10 | ·01 | 12 |
| 13 | - | - | ·10 | - | ·09 | ·01 | ·26 | ·16 | - | - | - | - | 13 |
| 14 | ·16 | ·14 | - | ·01 | ·04 | 1·18 | ·07 | ·66 | ·06 | - | ·40 | ·03 | 14 |
| 15 | ·24 | ·28 | - | ·17 | ·13 | ·01 | ·14 | ·47 | - | - | ·01 | ·16 | 15 |
| 16 | ·52 | ·13 | - | ·31 | ·37 | ·64 | ·10 | 1·03 | ·30 | - | - | - | 16 |
| 17 | ·04 | ·14 | - | ·26 | ·03 | ·05 | ·32 | ·63 | ·02 | - | ·08 | - | 17 |
| 18 | ·40 | ·03 | - | ·28 | - | ·64 | ·45 | ·15 | - | - | ·86 | - | 18 |
| 19 | ·20 | ·24 | - | ·12 | - | - | ·07 | ·94 | - | ·02 | - | ·01 | 19 |
| 20 | ·02 | ·22 | ·08 | ·05 | - | ·08 | - | ·46 | - | - | ·04 | - | 20 |
| 21 | ·56 | ·06 | ·04 | ·01 | ·14 | ·15 | ·02 | ·23 | - | - | ·05 | - | 21 |
| 22 | ·05 | ·09 | ·01 | ·06 | ·08 | ·08 | - | - | - | - | ·03 | - | 22 |
| 23 | ·55 | - | ·03 | ·12 | ·25 | ·19 | ·51 | - | - | - | ·46 | ·16 | 23 |
| 24 | ·05 | ·37 | - | ·03 | ·61 | - | ·07 | - | - | - | ·01 | ·05 | 24 |
| 25 | ·10 | ·82 | - | ·38 | ·04 | - | ·01 | - | - | - | ·04 | ·15 | 25 |
| 26 | ·02 | ·12 | - | ·24 | - | - | - | - | - | - | ·56 | ·01 | 26 |
| 27 | ·41 | ·12 | - | ·03 | ·12 | - | ·28 | - | - | ·39 | ·75 | ·06 | 27 |
| 28 | ·54 | ·35 | - | ·03 | ·04 | - | ·07 | - | - | - | ·03 | ·09 | 28 |
| 29 | ·25 | × | - | - | ·20 | - | ·16 | - | - | ·52 | ·02 | - | 29 |
| 30 | ·01 | × | - | ·10 | ·01 | - | ·02 | - | ·11 | - | ·01 | - | 30 |
| 31 | ·28 | × | - | × | - | × | ·05 | - | × | ·01 | × | ·07 | 31 |
| TOTAL | 5·31 | 5·15 | 0·37 | 4·13 | 2·68 | 6·98 | 4·81 | 6·63 | 4·64 | 2·13 | 5·79 | 1·89 | YEAR'S TOTAL 50·51 |
| *Days with ·01 in. or more. | 25 | 23 | 9 | 24 | 20 | 19 | 25 | 18 | 14 | 12 | 25 | 19 | 233 |
| *Days with ·04 in. or more. | 20 | 22 | 4 | 18 | 15 | 16 | 20 | 15 | 13 | 7 | 19 | 13 | 182 |

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*See Instruction 2 (*f*) on other side.

(*Signed*) M. Y. B. Whitson B.Sc. A.M.Inst.C.E.

JwH

P.T.O.

COPY FOR OFFICIAL USE.

**Section** **A** for the entry of Daily Observations. **Station No** 2835

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1932.

*Kept at* Knott Hill Reservoir
Ashton under Lyne
*in the County of* Lancaster

Diameter of Funnel of Gauge 8 in.
Height of top of Gauge above Ground ' ft – in.
,, Ground ,, Sea Level 605 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·33 | ·02 | - | ·26 | ·23 | - | ·22 | - | ·55 | ·35 | ·13 | ·08 | 1 |
| 2 | ·92 | - | - | - | ·11 | - | ·05 | ·01 | 1·04 | ·23 | ·10 | ·32 | 2 |
| 3 | ·02 | - | - | - | - | - | ·36 | - | ·10 | - | ·03 | ·38 | 3 |
| 4 | ·01 | - | - | ·02 | - | - | ·09 | - | ·01 | ·03 | ·19 | ·07 | 4 |
| 5 | ·96 | - | ·17 | ·17 | ·03 | - | ·01 | ·02 | ·13 | - | - | ·01 | 5 |
| 6 | ·95 | - | ·08 | ·42 | ·02 | - | ·35 | - | ·25 | - | - | - | 6 |
| 7 | ·05 | - | ·57 | ·10 | - | - | - | - | ·53 | ·29 | - | - | 7 |
| 8 | - | ·01 | - | ·13 | - | - | - | - | ·18 | ·71 | - | - | 8 |
| 9 | ·12 | ·07 | - | ·55 | ·08 | - | - | - | ·08 | - | - | ·03 | 9 |
| 10 | ·30 | ·05 | - | ·08 | ·01 | - | - | - | ·64 | ·52 | - | ·04 | 10 |
| 11 | ·04 | ·05 | ·01 | ·04 | ·57 | ·01 | 1·52 | - | ·01 | ·01 | - | - | 11 |
| 12 | ·25 | - | - | - | ·31 | ·01 | ·11 | ·03 | ·03 | ·56 | - | - | 12 |
| 13 | - | ·08 | - | ·05 | ·05 | - | ·30 | ·02 | ·32 | ·51 | ·01 | ·14 | 13 |
| 14 | ·04 | - | - | ·15 | - | - | ·41 | ·08 | ·02 | ·14 | ·08 | ·05 | 14 |
| 15 | - | - | - | ·01 | ·58 | - | ·01 | - | - | ·17 | ·01 | ·07 | 15 |
| 16 | ·23 | - | - | ·09 | ·01 | - | - | ·02 | - | ·13 | - | ·08 | 16 |
| 17 | - | - | - | ·01 | - | - | ·10 | ·03 | ·04 | ·51 | - | - | 17 |
| 18 | - | - | - | - | ·03 | - | ·02 | - | ·02 | ·03 | ·02 | - | 18 |
| 19 | - | - | - | ·21 | ·02 | - | - | - | - | ·26 | - | - | 19 |
| 20 | - | - | - | ·18 | ·51 | - | ·06 | ·23 | - | ·15 | ·13 | - | 20 |
| 21 | ·03 | - | ·30 | ·17 | ·46 | - | ·01 | ·43 | - | ·44 | ·10 | ·04 | 21 |
| 22 | ·01 | - | ·21 | ·13 | ·43 | - | ·14 | - | ·01 | ·07 | 1·01 | ·02 | 22 |
| 23 | - | ·01 | - | ·05 | ·49 | - | ·11 | - | - | ·12 | ·17 | ·04 | 23 |
| 24 | ·04 | ·02 | - | - | ·01 | ·03 | ·37 | - | ·22 | ·01 | ·24 | ·01 | 24 |
| 25 | - | ·05 | - | ·10 | ·09 | ·03 | ·06 | - | ·11 | 1·04 | ·24 | ·01 | 25 |
| 26 | - | ·02 | - | ·17 | ·29 | ·01 | ·20 | - | ·04 | ·32 | ·23 | ·01 | 26 |
| 27 | - | - | ·32 | ·16 | ·25 | ·08 | ·24 | - | - | ·01 | ·08 | ·11 | 27 |
| 28 | - | ·01 | ·15 | ·06 | ·12 | - | ·33 | - | - | - | ·01 | ·10 | 28 |
| 29 | ·11 | - | ·35 | ·34 | ·05 | ·06 | ·15 | ·61 | ·08 | ·72 | ·13 | ·21 | 29 |
| 30 | - | × | ·16 | ·01 | ·04 | ·25 | ·07 | ·16 | ·08 | ·04 | ·27 | ·12 | 30 |
| 31 | ·01 | × | ·16 | × | ·01 | × | ·29 | ·01 | × | ·01 | × | ·10 | 31 |
| TOTAL | 4·42 | ·39 | 2·48 | 3·66 | 4·80 | ·48 | 5·58 | 1·65 | 4·49 | 7·38 | 3·18 | 2·04 | YEAR'S TOTAL<br>40·55 |
| *Days with ·01 in. or more. | 18 | 11 | 11 | 25 | 25 | 8 | 25 | 12 | 22 | 24 | 19 | 22 | 222 |
| *Days with .04 in. or more. | 13 | 5 | 10 | 22 | 17 | 3 | 21 | 5 | 16 | 19 | 14 | 16 | 161 |

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*See Instruction 2 (*f*) on other side.

*(Signed)* M. Y. B. Whitson
B.Sc. A.M. Inst. C.E.

P.T.O.

## COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2835

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1933.

*Kept at* Knott Hill Reservoir Ashton-under-Lyne.
*in the County of* LANCASTER
Diameter of Funnel of Gauge 6 in.
Height of top of Gauge above Ground 1 ft. — in.
,, Ground ,, Sea Level 605 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | ·08 | ·59 | - | - | - | - | - | ·03 | ·04 | - | ·40 | - | | 1 |
| 2 | ·36 | - | ·11 | ·28 | - | ·10 | - | ·12 | - | - | ·02 | - | | 2 |
| 3 | ·02 | ·55 | ·27 | - | ·54 | - | - | - | - | - | ·05 | - | | 3 |
| 4 | ·23 | ·06 | ·26 | - | ·25 | - | - | ·07 | - | ·02 | - | - | | 4 |
| 5 | ·24 | ·36 | ·04 | - | ·05 | - | - | - | - | - | ·04 | - | | 5 |
| 6 | ·02 | ·20 | ·02 | - | ·19 | - | - | - | - | ·01 | ·01 | ·05 | | 6 |
| 7 | ·09 | ·42 | ·10 | - | ·07 | - | ·12 | ·04 | - | ·97 | - | ·01 | | 7 |
| 8 | ·32 | ·11 | ·18 | ·09 | ·13 | - | ·25 | ·01 | - | - | ·01 | ·04 | | 8 |
| 9 | ·01 | ·21 | - | ·10 | ·16 | - | ·43 | ·07 | - | ·57 | ·16 | - | | 9 |
| 10 | ·10 | ·05 | - | - | - | ·06 | ·04 | - | - | ·84 | ·23 | - | | 10 |
| 11 | - | - | - | ·02 | - | - | ·72 | ·01 | - | ·40 | - | ·02 | | 11 |
| 12 | ·01 | ·01 | - | - | - | ·14 | ·23 | - | - | ·12 | ·01 | ·01 | | 12 |
| 13 | - | - | - | - | ·24 | - | ·33 | - | - | ·26 | ·14 | - | | 13 |
| 14 | ·13 | - | ·04 | - | ·13 | - | ·10 | ·06 | - | ·04 | ·17 | - | | 14 |
| 15 | ·43 | - | ·02 | - | - | ·01 | ·10 | ·21 | - | ·40 | ·34 | ·02 | | 15 |
| 16 | ·11 | ·01 | ·13 | ·02 | ·04 | ·26 | ·13 | ·02 | - | ·18 | ·03 | - | | 16 |
| 17 | ·05 | - | ·65 | - | - | ·63 | ·01 | ·20 | ·04 | ·01 | ·12 | - | | 17 |
| 18 | ·01 | ·04 | ·21 | - | - | ·37 | - | - | - | - | ·02 | - | | 18 |
| 19 | - | ·04 | ·43 | ·02 | - | ·09 | ·04 | - | ·18 | - | ·04 | ·02 | | 19 |
| 20 | - | ·20 | - | - | - | ·02 | - | ·09 | - | - | - | - | | 20 |
| 21 | - | ·02 | - | - | ·01 | ·01 | - | ·43 | - | - | - | - | | 21 |
| 22 | - | - | - | - | ·03 | ·91 | - | ·19 | - | ·08 | - | - | | 22 |
| 23 | - | ·02 | - | ·19 | ·01 | ·02 | - | ·01 | ·05 | ·03 | - | - | | 23 |
| 24 | - | ·10 | - | ·17 | ·12 | ·10 | - | - | 1·02 | - | ·01 | - | | 24 |
| 25 | - | ·21 | - | ·18 | - | ·02 | - | - | ·13 | - | ·01 | ·10 | | 25 |
| 26 | - | ·29 | - | ·48 | ·02 | - | - | - | - | ·36 | ·02 | ·01 | | 26 |
| 27 | - | ·01 | - | ·02 | ·06 | - | ·01 | - | - | ·01 | - | - | | 27 |
| 28 | - | - | - | ·06 | - | - | ·08 | - | - | ·08 | - | - | | 28 |
| 29 | - | × | - | ·18 | - | - | ·02 | - | - | ·05 | - | ·06 | | 29 |
| 30 | ·04 | × | ·07 | - | ·02 | - | ·25 | - | - | ·27 | - | ·28 | | 30 |
| 31 | ·30 | × | ·03 | × | - | × | ·08 | ·09 | × | ·18 | × | - | | 31 |
| TOTAL | 2·55 | 3·50 | 2·56 | 1·81 | 2·07 | 2·74 | 2·94 | 1·65 | 1·46 | 4·88 | 1·83 | ·62 | Year's Total 28·61 | |
| *Days with ·01 in. or more. | 18 | 20 | 15 | 13 | 17 | 14 | 17 | 16 | 6 | 20 | 19 | 11 | 186 | |
| *Days with ·04 in. or more. | 13 | 15 | 12 | 9 | 12 | 10 | 14 | 11 | 6 | 15 | 10 | 5 | 132 | |

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*See Instruction 2 (*f*) on other side.

D

† Spare column, no entries required.

(*Signed*) W. J. B. Whitson
B.Sc. A.M. Inst. C.E.

[P.T.O.

## COPY FOR OFFICIAL USE.

**Section** **A** **for the entry of Daily Observations.** **Station No.** 2835

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1934.

*Kept at* Knott Hill Reservoir, ASHTON-UNDER-LYNE.
*in the County of* LANCASTER.

Diameter of Funnel of Gauge 8 in.
Height of top of Gauge above Ground ...... ft ...... in.
,, Ground ,, Sea Level 605 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·14 | – | ·01 | – | – | – | – | ·09 | ·01 | ·07 | ·04 | ·57 | | 1 |
| 2 | ·01 | ·02 | ·11 | – | – | – | – | ·66 | ·05 | ·01 | ·22 | ·57 | | 2 |
| 3 | ·06 | ·02 | ·01 | – | – | – | – | ·02 | – | ·08 | ·04 | ·06 | | 3 |
| 4 | ·19 | – | ·27 | ·03 | ·12 | – | – | – | ·10 | ·76 | – | ·73 | | 4 |
| 5 | – | – | ·07 | – | ·11 | – | – | ·25 | – | ·06 | ·04 | ·10 | | 5 |
| 6 | – | – | ·16 | ·02 | ·38 | ·07 | – | ·02 | – | ·26 | – | ·34 | | 6 |
| 7 | ·33 | ·01 | ·09 | – | – | ·14 | – | – | – | ·18 | ·22 | ·25 | | 7 |
| 8 | – | – | ·02 | – | ·06 | ·18 | – | ·03 | ·02 | ·09 | ·64 | ·02 | | 8 |
| 9 | – | ·03 | ·12 | ·02 | – | – | – | ·11 | – | ·01 | ·23 | ·06 | | 9 |
| 10 | – | ·01 | ·30 | ·13 | – | – | – | ·29 | – | ·46 | ·04 | – | | 10 |
| 11 | ·10 | – | ·01 | ·19 | – | – | – | ·31 | – | ·02 | ·02 | ·06 | | 11 |
| 12 | ·01 | – | ·03 | ·10 | – | – | ·44 | ·03 | – | ·04 | – | ·02 | | 12 |
| 13 | ·17 | – | ·01 | ·02 | ·05 | – | ·09 | ·04 | – | ·23 | – | ·02 | | 13 |
| 14 | ·20 | – | ·09 | – | ·03 | ·01 | – | – | – | ·38 | ·09 | ·03 | | 14 |
| 15 | ·29 | – | ·32 | – | ·76 | – | – | ·21 | ·72 | – | ·02 | ·24 | | 15 |
| 16 | ·37 | – | ·07 | – | ·32 | – | – | – | – | ·03 | ·04 | ·06 | | 16 |
| 17 | ·34 | – | ·27 | ·02 | ·12 | – | ·28 | ·04 | ·13 | ·09 | – | ·15 | | 17 |
| 18 | ·11 | – | ·12 | ·14 | ·25 | ·30 | – | ·06 | – | – | – | ·17 | | 18 |
| 19 | – | – | ·20 | ·09 | ·08 | ·35 | – | ·01 | ·30 | ·19 | – | ·03 | | 19 |
| 20 | – | – | ·05 | ·10 | ·23 | ·04 | – | – | ·15 | ·11 | ·01 | - | | 20 |
| 21 | ·04 | – | ·02 | ·02 | ·02 | ·44 | – | ·02 | ·14 | ·09 | ·01 | – | | 21 |
| 22 | ·05 | – | ·04 | – | ·02 | – | – | ·23 | ·53 | ·15 | ·03 | ·06 | | 22 |
| 23 | ·01 | – | ·14 | ·44 | ·01 | ·03 | 1·08 | – | ·01 | ·18 | ·10 | ·07 | | 23 |
| 24 | – | ·13 | ·04 | ·14 | ·01 | ·06 | ·03 | – | ·15 | ·04 | – | – | | 24 |
| 25 | ·04 | ·12 | – | ·09 | ·03 | – | ·34 | – | ·17 | ·25 | – | ·23 | | 25 |
| 26 | ·13 | – | ·03 | ·25 | – | ·05 | ·27 | – | ·25 | ·14 | ·05 | ·05 | | 26 |
| 27 | – | ·01 | – | ·33 | ·01 | ·08 | ·71 | – | ·05 | ·21 | ·03 | ·22 | | 27 |
| 28 | – | – | – | ·07 | – | ·02 | ·15 | ·29 | ·01 | ·32 | – | ·44 | | 28 |
| 29 | – | × | – | – | – | – | ·08 | ·36 | ·44 | ·20 | – | ·10 | | 29 |
| 30 | ·10 | × | – | – | – | – | ·10 | ·07 | ·15 | ·35 | – | ·07 | | 30 |
| 31 | ·01 | × | – | × | – | × | ·36 | – | × | ·09 | × | ·11 | | 31 |
| TOTAL | 2·70 | ·35 | 2·60 | 2·20 | 2·61 | 1·77 | 3·93 | 3·14 | 3·38 | 5·09 | 1·87 | 4·83 | Year's Total 34·47 | |
| *Days with ·01 in. or more. | 18 | 8 | 25 | 18 | 18 | 13 | 12 | 20 | 18 | 29 | 18 | 27 | 224 | |
| *Days with .04 in. or more. | 14 | 2 | 17 | 12 | 11 | 10 | 11 | 14 | 14 | 25 | 12 | 22 | 164 | |

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*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) M. T. B. Whitson

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2835

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

Form 1090.

# REGISTER OF RAINFALL IN 1935.

*Kept at* Knott Hill Reservoir

Ashton-under-Lyne

*in the County of* Lancaster

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. — in.

,, Ground ,, Sea Level 605 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf.

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |  | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † |  |
| 1 | ·48 | ·25 | – | ·04 | – | ·02 | ·04 | – | ·06 | ·36 | ·04 | ·31 |  | 1 |
| 2 | ·02 | ·11 | – | – | – | ·24 | – | – | ·08 | ·16 | ·14 | ·18 |  | 2 |
| 3 | ·12 | ·61 | ·11 | ·09 | – | ·10 | ·59 | ·02 | ·10 | ·01 | ·10 | ·22 |  | 3 |
| 4 | – | ·01 | ·01 | ·01 | – | ·19 | ·03 | – | ·39 | ·17 | – | ·01 |  | 4 |
| 5 | – | ·35 | ·12 | ·17 | – | ·09 | ·01 | – | ·26 | ·02 | ·16 | ·18 |  | 5 |
| 6 | ·03 | ·01 | ·01 | ·03 | – | ·22 | – | – | – | – | – | – |  | 6 |
| 7 | ·01 | – | – | ·15 | – | ·17 | – | – | – | ·17 | ·10 | ·32 |  | 7 |
| 8 | – | – | – | ·11 | – | ·26 | – | – | – | ·08 | ·06 | ·54 |  | 8 |
| 9 | – | – | – | ·27 | – | ·13 | – | – | – | 1·64 | ·03 | – |  | 9 |
| 10 | – | ·11 | – | ·44 | – | ·01 | – | – | – | ·54 | ·06 | – |  | 10 |
| 11 | ·45 | ·10 | – | ·01 | – | ·12 | – | ·03 | – | ·22 | ·11 | ·02 |  | 11 |
| 12 | – | ·12 | – | – | – | ·36 | – | – | ·13 | – | ·01 | – |  | 12 |
| 13 | ·13 | ·04 | – | ·05 | ·22 | ·10 | – | – | ·12 | ·04 | – | – |  | 13 |
| 14 | – | – | – | ·03 | ·08 | ·13 | – | ·01 | ·11 | – | 1·07 | ·24 |  | 14 |
| 15 | – | ·90 | – | ·34 | ·05 | – | ·08 | – | ·17 | ·08 | ·03 | ·22 |  | 15 |
| 16 | ·01 | ·23 | ·14 | ·30 | ·04 | ·14 | ·10 | – | ·43 | ·01 | ·17 | – |  | 16 |
| 17 | – | ·09 | ·01 | ·33 | ·25 | ·20 | ·33 | ·02 | ·48 | ·04 | ·35 | – |  | 17 |
| 18 | ·01 | ·01 | – | ·24 | ·07 | ·03 | ·14 | – | ·44 | ·31 | ·12 | – |  | 18 |
| 19 | – | ·01 | – | ·22 | ·01 | ·28 | ·21 | – | – | ·11 | ·33 | ·01 |  | 19 |
| 20 | ·01 | ·44 | – | ·24 | – | ·23 | ·20 | – | – | ·01 | ·07 | – |  | 20 |
| 21 | – | ·36 | ·01 | ·04 | – | ·01 | – | ·01 | ·69 | ·11 | ·03 | ·30 |  | 21 |
| 22 | ·01 | ·12 | ·09 | ·01 | – | – | – | – | ·04 | – | ·03 | – |  | 22 |
| 23 | ·02 | ·01 | 1·16 | – | – | – | – | ·43 | ·07 | ·24 | – | – |  | 23 |
| 24 | ·38 | ·33 | ·03 | – | – | – | – | – | ·99 | ·03 | – | ·04 |  | 24 |
| 25 | ·12 | ·04 | ·29 | – | – | ·17 | – | – | – | – | ·07 | ·03 |  | 25 |
| 26 | – | ·02 | – | – | – | – | ·03 | ·95 | ·49 | ·39 | ·20 | ·31 |  | 26 |
| 27 | – | ·03 | – | – | – | ·13 | ·28 | – | ·54 | ·60 | ·37 | ·13 |  | 27 |
| 28 | ·05 | ·01 | – | – | ·03 | – | – | – | ·14 | ·42 | ·07 | ·03 |  | 28 |
| 29 | ·02 | × | ·04 | – | – | – | – | ·06 | ·33 | ·27 | ·10 | ·07 |  | 29 |
| 30 | ·16 | ▨ | – | – | – | ·14 | – | ·08 | ·19 | ·43 | ·75 | ·03 |  | 30 |
| 31 | ·06 | ▨ | ·01 | ▨ | – | ▨ | – | – | ▨ | ·42 | ▨ | ·18 |  | 31 |
| Total | 2·09 | 4·31 | 2·03 | 3·12 | ·75 | 3·47 | 2·04 | 1·61 | 6·25 | 6·88 | 4·57 | 3·37 | Year's Total 40·49 |  |
| * Days with .01 in. or more. | 18 | 24 | 13 | 20 | 8 | 23 | 12 | 9 | 21 | 26 | 25 | 20 | 219 |  |
| * Days with .04 in. or more. | 10 | 16 | 7 | 15 | 6 | 19 | 9 | 4 | 21 | 21 | 20 | 14 | 162 |  |

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† Spare column, no entries required.

(Signed) M. T. B. Whitson P.T.O.

B.Sc. A.M. Inst. C.E. Engineer & manager

* See Instruction 2 (f) on other side.

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**Section** A **for the entry of Daily Observations.** **Station No.** 2835

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1936.

*Kept at* Knott Hill Reservoir Ashton-under-Lyne
*in the County of* Lancaster
Diameter of Funnel of Gauge 8 in.
Height of top of Gauge above Ground ......ft......in.
„ Ground „ Sea Level 605 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | – | ·16 | ·06 | ·13 | – | – | – | ·46 | ·10 | – | ·17 | ·19 | | 1 |
| 2 | ·01 | ·12 | ·03 | ·03 | – | ·17 | ·16 | ·17 | ·01 | – | ·04 | ·23 | | 2 |
| 3 | ·01 | – | ·01 | – | – | ·20 | ·07 | ·20 | ·61 | – | – | ·08 | | 3 |
| 4 | ·13 | ·16 | ·18 | – | – | ·03 | ·01 | ·16 | ·84 | – | ·28 | ·24 | | 4 |
| 5 | ·05 | ·04 | ·41 | – | – | – | – | ·33 | ·26 | – | – | ·34 | | 5 |
| 6 | ·05 | – | ·05 | – | | ·04 | ·12 | ·48 | ·63 | – | ·07 | – | | 6 |
| 7 | – | – | ·06 | – | – | – | ·15 | – | ·86 | – | ·08 | ·27 | | 7 |
| 8 | ·21 | – | ·13 | – | – | – | – | – | ·01 | – | ·41 | ·08 | | 8 |
| 9 | ·19 | – | ·03 | – | – | ·02 | ·03 | – | ·13 | ·05 | ·82 | – | | 9 |
| 10 | ·10 | – | – | – | – | – | ·79 | – | ·01 | – | ·58 | – | | 10 |
| 11 | – | – | – | ·02 | – | ·18 | ·41 | ·11 | ·03 | – | ·25 | ·02 | | 11 |
| 12 | – | – | – | ·12 | ·06 | ·57 | ·26 | ·02 | ·33 | ·07 | ·08 | ·02 | | 12 |
| 13 | ·03 | – | – | ·04 | – | ·03 | ·05 | – | ·01 | ·15 | ·03 | ·21 | | 13 |
| 14 | – | – | – | ·03 | – | ·29 | ·05 | ·04 | ·38 | ·17 | ·25 | ·84 | | 14 |
| 15 | ·17 | ·02 | ·01 | ·08 | – | ·09 | ·09 | ·40 | ·01 | – | ·48 | ·06 | | 15 |
| 16 | ·06 | ·06 | ·03 | ·01 | – | – | ·05 | – | ·02 | ·03 | ·75 | ·02 | | 16 |
| 17 | ·13 | ·26 | ·01 | – | ·02 | – | ·17 | ·07 | – | ·46 | ·06 | ·12 | | 17 |
| 18 | – | ·05 | – | ·02 | – | ·13 | ·26 | ·10 | – | ·66 | – | ·01 | | 18 |
| 19 | ·08 | ·19 | ·03 | ·15 | – | ·09 | ·42 | ·47 | – | ·10 | – | – | | 19 |
| 20 | ·43 | ·04 | – | ·01 | – | – | ·04 | ·01 | – | ·04 | – | – | | 20 |
| 21 | ·27 | – | ·03 | ·05 | – | ·12 | – | – | – | ·10 | – | – | | 21 |
| 22 | ·07 | ·39 | ·05 | – | – | ·68 | ·23 | – | – | – | – | ·10 | | 22 |
| 23 | ·01 | ·02 | ·33 | ·17 | ·05 | ·01 | ·33 | – | – | ·08 | – | – | | 23 |
| 24 | ·06 | ·08 | – | ·05 | ·12 | – | – | ·01 | ·23 | ·41 | – | ·03 | | 24 |
| 25 | ·12 | ·01 | – | ·11 | – | – | ·06 | – | ·43 | ·23 | – | ·06 | | 25 |
| 26 | ·02 | ·29 | ·13 | – | – | – | ·06 | – | ·20 | ·53 | – | – | | 26 |
| 27 | ·84 | ·01 | ·01 | – | – | – | – | – | ·28 | ·34 | – | – | | 27 |
| 28 | ·13 | ·44 | ·06 | ·01 | – | – | ·10 | – | – | – | – | ·09 | | 28 |
| 29 | ·12 | ·52 | ·62 | – | ·08 | ·63 | – | – | – | ·12 | ·19 | ·29 | | 29 |
| 30 | ·31 | ✕ | – | – | ·41 | – | ·34 | – | – | ·60 | ·14 | ·08 | | 30 |
| 31 | ·16 | ✕ | ·05 | ✕ | – | ✕ | ·06 | ·02 | ✕ | – | ✕ | ·26 | | 31 |
| TOTAL | 3·76 | 2·86 | 2·30 | 1·03 | ·74 | 3·28 | 4·31 | 3·05 | 5·38 | 4·14 | 4·68 | 3·64 | Year's Total 39·17 | |
| * Days with .01 in. or more. | 25 | 18 | 21 | 16 | 6 | 16 | 24 | 16 | 20 | 17 | 17 | 22 | 218 | ✓ |
| * Days with .04 in. or more. | 20 | 14 | 12 | 9 | 5 | 12 | 22 | 12 | 13 | 16 | 16 | 17 | 168 | ✓ |

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) M.T.B. [illegible] [P.T.O.

COPY FOR OFFICIAL USE

**Section** **A** for the entry of Daily Observations                    **Station No.** 2835

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1937

*Kept at* Knott Hill, Ashton-u-Lyne.
*in the County of* Lancashire.
Diameter of Funnel of Gauge 8 in.
Height of top of Gauge above Ground ......ft......in.
,, Ground ,, Sea Level 605 ft.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following ✓

**Please read the Notes and Instructions Overleaf**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·06 | ·31 | ·13 | – | – | – | ·02 | – | ·31 | – | – | ·07 | | 1 |
| 2 | ·25 | ·27 | ·12 | ·11 | – | – | – | – | ·02 | – | – | ·25 | | 2 |
| 3 | – | ·12 | ·04 | ·09 | ·09 | ·58 | ·03 | – | ·02 | – | – | ·05 | | 3 |
| 4 | ·29 | ·01 | ·03 | ·07 | ·12 | – | ·05 | – | – | – | – | ·70 | | 4 |
| 5 | 1·15 | – | ·04 | – | ·03 | ·01 | ·01 | – | – | – | – | ·02 | | 5 |
| 6 | ·16 | – | ·01 | ·10 | ·16 | – | ·06 | ·15 | – | – | – | ·09 | | 6 |
| 7 | ·03 | ·23 | – | ·50 | ·07 | ·07 | – | – | ·10 | – | – | ·05 | | 7 |
| 8 | – | ·48 | – | ·02 | – | ·05 | ·15 | – | – | – | ·04 | ·08 | | 8 |
| 9 | ·01 | ·16 | – | – | ·10 | – | ·59 | ·10 | – | – | – | – | | 9 |
| 10 | ·07 | ·15 | – | – | – | ·06 | ·02 | – | – | ·02 | ·02 | ·26 | | 10 |
| 11 | – | – | ·24 | – | ·14 | – | ·02 | – | – | – | – | ·13 | | 11 |
| 12 | ·03 | ·37 | ·02 | – | ·02 | ·04 | ·06 | ·05 | ·20 | – | – | ·15 | | 12 |
| 13 | – | ·12 | ·03 | ·01 | ·01 | ·44 | – | ·12 | – | ·01 | – | ·20 | | 13 |
| 14 | – | ·14 | ·14 | – | – | ·01 | – | – | ·10 | – | ·01 | ·13 | | 14 |
| 15 | ·22 | ·27 | ·01 | ·32 | – | – | ·70 | ·17 | ·04 | – | – | ·06 | | 15 |
| 16 | ·08 | ·42 | ·08 | ·66 | ·44 | – | – | ·09 | ·11 | – | – | ·01 | | 16 |
| 17 | ·03 | ·06 | ·27 | ·43 | ·01 | – | – | ·01 | ·11 | – | – | – | | 17 |
| 18 | ·60 | ·25 | ·33 | ·09 | – | – | ·02 | ·10 | ·37 | – | ·28 | – | | 18 |
| 19 | ·09 | ·27 | ·01 | ·24 | – | ·05 | ·11 | ·04 | – | – | ·56 | – | | 19 |
| 20 | ·04 | ·22 | – | ·15 | ·45 | ·03 | ·04 | – | – | – | – | ·11 | | 20 |
| 21 | ·02 | ·06 | ·02 | ·15 | ·01 | – | ·28 | – | – | ·04 | – | ·08 | | 21 |
| 22 | ·01 | ·02 | ·32 | ·01 | ·02 | – | ·13 | – | – | ·33 | ·15 | ·09 | | 22 |
| 23 | ·04 | – | ·01 | – | – | – | ·11 | – | – | ·48 | ·18 | – | | 23 |
| 24 | ·09 | ·12 | ·12 | – | ·15 | ·01 | ·28 | – | ·22 | ·11 | – | ·05 | | 24 |
| 25 | – | ·35 | ·01 | – | ·01 | – | ·02 | ·03 | ·01 | ·04 | – | ·02 | | 25 |
| 26 | – | ·33 | ·07 | – | ·62 | – | – | ·01 | ·02 | – | – | ·09 | | 26 |
| 27 | – | ·91 | – | ·15 | – | – | – | – | – | ·26 | ·01 | ·06 | | 27 |
| 28 | – | ·73 | – | – | – | ·02 | – | – | – | ·13 | – | ·01 | | 28 |
| 29 | – | × | – | – | – | ·05 | – | – | – | ·02 | ·19 | ·02 | | 29 |
| 30 | ·09 | × | – | – | – | ·31 | – | ·62 | – | ·17 | ·52 | ·03 | | 30 |
| 31 | ·14 | × | – | × | – | × | – | ·02 | × | ·12 | × | – | | 31 |
| TOTAL | 3·50 | 6·37 | 2·05 | 3·10 | 2·45 | 1·73 | 2·70 | 1·51 | 1·63 | 1·73 | 1·96 | 2·81 | Year's Total 31·54 | ✓ |
| * Days with .01 in. or more. | 21~~6~~ | 24 | ~~8~~21 | ~~3~~16 | 17 | ~~5~~14 | ~~4~~19 | ~~4~~13 | ~~4~~13 | ~~3~~12 | ~~3~~10 | ~~6~~25 | ~~55~~ | 205 ✓ |
| * Days with .04 in. or more. | 15 | 22 | ~~13~~ 12 | 13 | 10 | 9 | 12 | 9 | 9 | 9 | 7 | 19 | 14~~5~~6 | ✓ |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) M. T. B. Whitson

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations Station No. 2835

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1938

*Kept at* Knott Hill Reservoir

*in the County of* Lancaster

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. – in.

,, Ground ,, Sea Level 605 ft.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | · | ·03 | – | ·05 | – | ·56 | – | ·25 | – | ·06 | ·30 | ·29 | | 1 |
| 2 | ·06 | ·04 | – | ·35 | ·07 | ·30 | ·02 | – | – | ·82 | ·02 | ·12 | | 2 |
| 3 | ·02 | ·01 | – | – | – | ·03 | ·19 | – | ·29 | ·98 | ·27 | ·02 | | 3 |
| 4 | ·05 | – | – | ·04 | – | ·02 | ·23 | ·38 | – | ·18 | ·30 | ·72 | | 4 |
| 5 | ·01 | ·01 | – | ·04 | – | ·06 | ·04 | ·01 | ·10 | ·73 | – | ·06 | | 5 |
| 6 | ·12 | – | – | – | – | ·04 | ·39 | – | ·16 | ·30 | – | ·01 | | 6 |
| 7 | ·25 | – | – | – | – | – | ·27 | ·03 | ·34 | ·11 | – | – | | 7 |
| 8 | ·37 | ·03 | – | – | – | – | ·41 | – | – | ·73 | – | ·23 | | 8 |
| 9 | ·10 | ·32 | ·19 | – | – | ·53 | ·15 | ·06 | – | ·18 | – | ·18 | | 9 |
| 10 | ·01 | ·02 | ·02 | – | – | ·11 | ·67 | – | – | ·43 | – | ·03 | | 10 |
| 11 | ·22 | ·07 | – | – | – | ·05 | ·29 | ·08 | ·07 | ·18 | ·08 | ·02 | | 11 |
| 12 | ·09 | – | – | – | ·12 | – | ·01 | ·03 | ·01 | 1·31 | ·18 | – | | 12 |
| 13 | ·05 | ·01 | – | – | ·02 | – | ·10 | – | ·11 | ·27 | ·12 | ·22 | | 13 |
| 14 | ·25 | ·01 | – | – | ·06 | – | ·26 | – | ·08 | ·01 | – | ·01 | | 14 |
| 15 | ·39 | – | – | – | ·01 | – | ·21 | ·28 | – | ·10 | – | ·15 | | 15 |
| 16 | ·55 | – | ·05 | – | ·17 | – | ·04 | ·20 | – | ·04 | ·03 | ·15 | | 16 |
| 17 | – | ·01 | – | – | ·32 | – | ·12 | ·15 | ·09 | ·26 | ·02 | – | | 17 |
| 18 | ·05 | – | – | – | ·22 | ·06 | – | ·24 | ·01 | ·39 | ·30 | ·01 | | 18 |
| 19 | – | – | – | – | – | – | – | ·25 | ·01 | ·01 | ·01 | ·11 | | 19 |
| 20 | ·18 | – | ·01 | – | – | – | ·01 | ·03 | ·08 | – | ·47 | ·06 | | 20 |
| 21 | – | – | ·04 | – | – | ·01 | – | – | ·01 | – | ·07 | ·11 | | 21 |
| 22 | – | – | – | ·03 | – | ·31 | – | – | – | – | ·19 | ·04 | | 22 |
| 23 | – | – | – | – | ·22 | ·45 | – | – | ·09 | – | ·48 | – | | 23 |
| 24 | ·18 | ·08 | ·29 | – | ·03 | ·24 | ·06 | ·47 | ·03 | – | ·31 | ·02 | | 24 |
| 25 | ·09 | ·34 | ·04 | – | – | ·04 | ·13 | ·10 | – | ·41 | ·75 | ·03 | | 25 |
| 26 | ·14 | ·35 | ·21 | – | ·02 | ·08 | ·01 | – | ·01 | ·38 | ·10 | ·12 | | 26 |
| 27 | ·35 | ·15 | ·01 | – | ·65 | ·57 | ·09 | ·34 | ·02 | – | ·41 | ·01 | | 27 |
| 28 | ·21 | ·06 | ·10 | – | ·20 | ·70 | ·15 | ·37 | ·01 | ·05 | ·02 | ·22 | | 28 |
| 29 | ·12 | X | ·24 | – | 1·39 | ·23 | ·13 | – | – | ·13 | ·07 | ·40 | | 29 |
| 30 | ·29 | ✕ | – | – | ·12 | ·02 | ·01 | – | ·33 | – | ·06 | ·12 | | 30 |
| 31 | ·21 | ✕ | ·04 | ✕ | ·28 | ✕ | – | – | ✕ | ·47 | ✕ | ·82 | | 31 |
| TOTAL | 4·36 | 1·54 | 1·24 | ·51 | 3·90 | 4·41 | 3·99 | 3·27 | 1·85 | 8·53 | 4·56 | 4·28 | Year's Total 42·44 | ✓ |
| * Days with .01 in. or more. | 25 | 16 | 12 | 5 | 16 | 20 | 24 | 17 | 19 | 24 | 22 | 27 | 227 | ✓ |
| * Days with .04 in. or more. | 22 | 8 | 9 | 4 | 12 | 16 | 19 | 13 | 11 | 22 | 17 | 18 | 171 | ✓ |

† Spare column, no entries required.

(*Signed*) M T B Whitson

P.T.O.

* See Instruction 3 (f) on other side.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 2835

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1939

*Kept at* Knott Hill Reservoir

*in the County of* Lancaster

Diameter of Funnel of Gauge 7 in.

Height of top of Gauge above Ground 1 ft. — in.

,, Ground ,, Sea Level ~~394~~ 605 ft.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·19 | – | ·07 | ·02 | – | – | ·03 | ·06 | ·09 | ·01 | – | ·33 | | 1 |
| 2 | ·09 | – | – | ·18 | – | – | ·47 | ·42 | ·53 | – | ·03 | ·13 | | 2 |
| 3 | ·05 | – | – | ·10 | – | – | – | ·14 | – | – | ·02 | ·69 | | 3 |
| 4 | ·31 | – | ·47 | ·10 | – | – | ·67 | ·01 | – | ·03 | ·01 | 1·33 | | 4 |
| 5 | – | – | – | – | ·35 | – | ·21 | ·03 | – | ·14 | ·38 | ·05 | | 5 |
| 6 | ·73 | ·25 | – | – | – | – | ·35 | – | – | – | ·09 | – | | 6 |
| 7 | ·19 | ·20 | ·08 | – | ·03 | – | ·10 | – | – | – | ·14 | ·49 | | 7 |
| 8 | ·42 | ·10 | ·16 | ·02 | – | – | 1·04 | – | – | ·05 | ·21 | ·30 | | 8 |
| 9 | ·09 | ·55 | ·01 | – | – | – | ·02 | ·33 | – | ·21 | ·04 | ·70 | | 9 |
| 10 | ·14 | ·01 | ·01 | – | – | ·15 | – | ·55 | ·46 | ·07 | ·01 | ·05 | | 10 |
| 11 | ·39 | ·04 | ·20 | – | – | ·11 | – | – | ·02 | – | ·01 | – | | 11 |
| 12 | ·46 | ·20 | – | – | – | ·11 | – | – | ·01 | – | ·01 | – | | 12 |
| 13 | ·03 | – | ·03 | ·37 | ·15 | ·13 | ·05 | – | ·03 | ·10 | ·04 | – | | 13 |
| 14 | ·38 | ·01 | ·01 | ·14 | ·58 | ·33 | ·12 | – | – | ·05 | ·14 | – | | 14 |
| 15 | ·06 | ·03 | ·01 | ·57 | ·14 | ·99 | ·18 | – | ·01 | ·01 | ·07 | – | | 15 |
| 16 | ·06 | – | ·11 | ·02 | ·76 | – | ·08 | – | – | – | ·11 | – | | 16 |
| 17 | ·70 | ·27 | ·03 | – | ·11 | ·03 | – | – | – | ·18 | ·08 | – | | 17 |
| 18 | ·07 | ·23 | ·06 | – | – | ·47 | ·19 | – | – | ·02 | 1·06 | – | | 18 |
| 19 | ·27 | – | – | – | ·01 | – | ·29 | – | ·02 | – | ·02 | – | | 19 |
| 20 | ·01 | – | – | – | ·04 | ·31 | ·49 | ·15 | ·04 | – | – | – | | 20 |
| 21 | ·06 | ·02 | ·48 | ·18 | ·14 | ·06 | – | ·03 | ·04 | ·01 | – | – | | 21 |
| 22 | ·10 | ·26 | ·18 | ·11 | ·01 | – | ·05 | – | – | ·01 | ·66 | – | | 22 |
| 23 | – | ·57 | ·02 | ·39 | – | – | ·27 | – | – | ·61 | ·21 | ·04 | | 23 |
| 24 | ·04 | ·07 | ·04 | ·07 | – | ·01 | – | – | – | ·02 | ·01 | – | | 24 |
| 25 | ·61 | ·23 | ·04 | – | – | ·04 | ·01 | – | – | – | 1·52 | – | | 25 |
| 26 | ·03 | ·13 | ·01 | – | ·01 | – | – | – | – | ·18 | ·34 | ·04 | | 26 |
| 27 | ·12 | ·94 | ·42 | – | – | ·22 | ·11 | ·18 | – | ·20 | ·34 | ·06 | | 27 |
| 28 | ·01 | ·12 | ·20 | ·06 | – | ·20 | ·59 | ·01 | – | – | ·78 | ·02 | | 28 |
| 29 | – | X | ·01 | ·01 | – | ·03 | 1·52 | – | – | ·28 | ·28 | – | | 29 |
| 30 | – | ✕ | – | – | – | ·18 | ·23 | – | – | – | ·45 | – | | 30 |
| 31 | – | ✕ | – | ✕ | – | ✕ | ·14 | ·01 | ✕ | – | ✕ | – | | 31 |
| TOTAL | 5·61 | 4·23 | 2·65 | 2·34 | 2·33 | 3·37 | 7·21 | 1·92 | 1·25 | 2·18 | 7·06 | 4·23 | Year's Total 44·38 | |
| * Days with .01 in. or more. | 26 | 19 | 22 | 15 | 12 | 16 | 23 | 12 | 10 | 18 | 27 | 13 | 213 | |
| * Days with .04 in. or more. | 22 | 15 | 13 | 11 | 8 | 13 | 20 | 7 | 5 | 11 | 19 | 12 | 156 | |

† Spare column, no entries required.

(*Signed*) Mr. B. Whiteson

* See Instruction 3 (f) on other side.

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 2835

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 19~~3~~40

*Kept at* Knott Hill Reservoir
*in the County of* Lancaster
Diameter of Funnel of Gauge 8 in.
Height of top of Gauge above Ground 1 ft. — in.
,, Ground ,, Sea Level 605 ft.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | - | ·05 | - | ·10 | - | - | - | - | ·07 | - | ·38 | ·20 | | 1 |
| 2 | - | ·03 | ·01 | ·16 | - | - | ·07 | - | · - | - | ·25 | ·23 | | 2 |
| 3 | ·02 | - | ·02 | ·20 | - | - | ·30 | - | ·03 | ·12 | ·06 | ·21 | | 3 |
| 4 | - | ·14 | ·02 | ·03 | - | - | ·05 | - | - | ·18 | ·22 | ·26 | | 4 |
| 5 | - | - | - | - | ·19 | - | ·21 | - | - | ·40 | ·04 | ·32 | | 5 |
| 6 | ·05 | ·33 | - | - | - | - | ·10 | - | - | ·58 | ·03 | ·11 | | 6 |
| 7 | ·09 | ·20 | - | ·25 | ·11 | - | ·22 | ·10 | ·18 | ·04 | - | - | | 7 |
| 8 | ·02 | - | ·02 | ·08 | - | - | ·04 | ·05 | - | ·18 | - | ·37 | | 8 |
| 9 | - | - | ·27 | - | - | - | ·60 | ·32 | ·36 | ·32 | 1·18 | ·33 | | 9 |
| 10 | - | - | ·04 | - | - | - | ·43 | ·19 | ·02 | ·17 | ·40 | ·50 | | 10 |
| 11 | - | ·04 | ·09 | ·07 | - | ·07 | ·67 | - | ·01 | - | 1·25 | - | | 11 |
| 12 | - | ·01 | ·70 | - | - | - | ·13 | ·07 | ·56 | - | 1·50 | - | | 12 |
| 13 | - | ·03 | ·14 | ·02 | - | - | - | ·06 | ·31 | - | ·01 | - | | 13 |
| 14 | - | ·04 | ·07 | ·22 | ·21 | - | ·04 | ·25 | ·09 | - | ·10 | ·47 | | 14 |
| 15 | - | - | ·05 | ·16 | ·04 | ·03 | - | · - | ·03 | ·03 | ·05 | ·04 | | 15 |
| 16 | ·10 | ·01 | ·12 | ·10 | - | - | ·78 | - | 1·32 | ·19 | ·24 | ·13 | | 16 |
| 17 | - | - | ·85 | - | ·16 | - | ·71 | - | ·24 | - | ·77 | ·02 | | 17 |
| 18 | ·13 | ·18 | ·25 | ·86 | - | - | ·03 | ·35 | ·30 | - | ·04 | ·38 | | 18 |
| 19 | - | ·23 | ·20 | ·03 | - | - | ·39 | - | ·40 | ·03 | ·21 | ·03 | | 19 |
| 20 | - | - | ·02 | ·18 | - | - | ·58 | ·50 | ·04 | ·28 | ·12 | · - | | 20 |
| 21 | - | - | ·15 | ·01 | - | ·46 | ·09 | - | - | ·05 | ·55 | - | | 21 |
| 22 | - | ·09 | ·03 | - | ·10 | ·02 | ·01 | ·06 | ·28 | ·03 | ·01 | ·02 | | 22 |
| 23 | - | ·33 | ·03 | ·14 | ·02 | - | ·06 | - | ·11 | ·02 | ·15 | ·01 | | 23 |
| 24 | ·33 | ·03 | · - | - | ·03 | - | ·01 | ·01 | ·01 | ·03 | ·01 | ·05 | | 24 |
| 25 | - | - | - | - | - | ·07 | ·01 | - | · - | ·07 | ·01 | - | | 25 |
| 26 | ·34 | ·07 | ·04 | - | ·03 | ·10 | ·17 | ·01 | - | · - | ·05 | ·01 | | 26 |
| 27 | ·23 | ·35 | · - | ·19 | - | - | ·21 | - | ·02 | - | ·08 | ·01 | | 27 |
| 28 | ·03 | ·32 | - | - | ·12 | - | - | ·10 | - | - | · - | ·05 | | 28 |
| 29 | - | - | ·18 | ·06 | 1·81 | ·37 | ·06 | · - | - | ·02 | - | ·71 | | 29 |
| 30 | ·03 | ✕ | ·01 | ·03 | - | - | - | - | - | ·25 | ·02 | ·35 | | 30 |
| 31 | ·05 | ✕ | ·26 | ✕ | ·04 | ✕ | - | ·08 | ✕ | ·82 | ✕ | ·11 | | 31 |
| TOTAL | 1·42 | 2·48 | 3·57 | 2·84 | 2·86 | 1·12 | 5·97 | 2·15 | 4·38 | 3·81 | 6·73 | 4·92 | Year's Total 42·25 | |
| * Days with .01 in. or more. | 12 | 18 | 23 | 19 | 12 | 7 | 25 | 14 | 19 | 20 | 26 | 24 | 219 | |
| * Days with .04 in. or more. | 8 | 13 | 15 | 14 | 9 | 5 | 21 | 12 | 13 | 14 | 20 | 18 | 162 | |

† Spare column, no entries required

(*Signed*) W. T. B. Wilson [P.T.O.

* See Instruction 3 (f) on other side.

2836

243

Section **A** for the entry

AIR MINIST

FORM 1

REGI

Kept at Manches

in the County of La

Diameter of Funnel of Gauge

Height of top of Gauge above Gro

,, Ground ,, Sea

**THE MORNING MEA**

*An observer who does not conform*
*year in the space on the right of*

2836

MANCHESTER, SWINTON
1931 — 32

780501

FOR OFFICIAL USE.

L ORGANIZATION.

/.

Y.

*following*

Jan. 1, following

| Date | Jan. | Feb. | March | | | | | | | | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | | | | | | | | | | | | | 1 |
| 2 | | | | ·69 | | 1·02 | | | ·61 | | | | 2 |
| 3 | | | | | | | | | | | 1·29 | | 3 |
| 4 | | | | | | | | | | | | ·33 | 4 |
| 5 | | | | | | | | | | | | | 5 |
| 6 | | | | | | | | | | | | | 6 |
| 7 | | | | | | | | | | | | | 7 |
| 8 | | | | | | | | | | | | | 8 |
| 9 | | | | | | | | | | | | | 9 |
| 10 | | | | | | | | | | | | | 10 |
| 11 | | | | | | | | | | | | | 11 |
| 12 | | | | | | | | | | | | | 12 |
| 13 | | | ·17 | | | | | | | | | | 13 |
| 14 | | | | | | | | | | | | | 14 |
| 15 | | | | | | | | | | | | | 15 |
| 16 | | | | | | | | ·94 | | | | | 16 |
| 17 | | | | | | | | | | | | | 17 |
| 18 | | | | | | | ·60 | | | | | | 18 |
| 19 | | | | | | | | | | | | | 19 |
| 20 | | | | | | | | | | | | | 20 |
| 21 | | | | | | | | | | | | | 21 |
| 22 | | | | | | | | | | | | | 22 |
| 23 | | | | | | | | | | | | | 23 |
| 24 | | | | | ·38 | | | | | | | | 24 |
| 25 | | ·75 | | | | | | | | | | | 25 |
| 26 | | | | | | | | | | | | | 26 |
| 27 | | | | | | | | | | | | | 27 |
| 28 | ·51 | | | | | | | | | | | | 28 |
| 29 | | | | | | | | | | ·63 | | | 29 |
| 30 | | × | | | | | | | | | | | 30 |
| 31 | | × | | × | | × | | | × | | × | | 31 |
| TOTAL | 4·99 | 3·95 | 0·23 | 3·35 | 2·46 | 5·23 | 4·61 | 6·46 | 2·75 | 1·73 | 5·93 | 1·76 | YEAR'S TOTAL 43·45 |
| *Days with ·01 in. or more. | 21 | 22 | 2 | 17 | 16 | 17 | 21 | 16 | 14 | 7 | 22 | 17 | 192 |
| *Days with ·04 in. or more. | 19 | 19 | 2 | 16 | 15 | 14 | 20 | 16 | 9 | 5 | 17 | 12 | 164 |
| 40-9999 | 126·7 | 100·3 | 5·8 | 85·1 | 62·5 | 132·8 | 117·1 | 164·1 | 69·9 | 43·9 | 150·6 | 44·7 | 1103·5 |

*See Instruction 2 (*f*) on other side.

*(Signed)*........................................ [P.T.O.

2836

**Section** **A** for the entry

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1

# REGISTER OF RAINFALL IN 1931.

243

*Kept at* Manchester, Swinton

*in the County of* Lancs.

Diameter of Funnel of Gauge.................in.

Height of top of Gauge above Ground..........ft..........in.

,, Ground ,, Sea Level 253 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | | | | | | | | | | | | | 1 |
| 2 | | | | ·69 | | 1·02 | | | ·61 | | | | 2 |
| 3 | | | | | | | | | | | 1·29 | | 3 |
| 4 | | | | | | | | | | | | ·33 | 4 |
| 5 | | | | | | | | | | | | | 5 |
| 6 | | | | | | | | | | | | | 6 |
| 7 | | | | | | | | | | | | | 7 |
| 8 | | | | | | | | | | | | | 8 |
| 9 | | | | | | | | | | | | | 9 |
| 10 | | | | | | | | | | | | | 10 |
| 11 | | | | | | | | | | | | | 11 |
| 12 | | | | | | | | | | | | | 12 |
| 13 | | | ·17 | | | | | | | | | | 13 |
| 14 | | | | | | | | | | | | | 14 |
| 15 | | | | | | | | | | | | | 15 |
| 16 | | | | | | | | ·94 | | | | | 16 |
| 17 | | | | | | | | | | | | | 17 |
| 18 | | | | | | | ·60 | | | | | | 18 |
| 19 | | | | | | | | | | | | | 19 |
| 20 | | | | | | | | | | | | | 20 |
| 21 | | | | | | | | | | | | | 21 |
| 22 | | | | | | | | | | | | | 22 |
| 23 | | | | | | | | | | | | | 23 |
| 24 | | | | | ·38 | | | | | | | | 24 |
| 25 | | ·75 | | | | | | | | | | | 25 |
| 26 | | | | | | | | | | | | | 26 |
| 27 | | | | | | | | | | | | | 27 |
| 28 | ·51 | | | | | | | | | | | | 28 |
| 29 | | ✕ | | | | | | | | ·63 | | | 29 |
| 30 | | ✕ | | | | | | | | | | | 30 |
| 31 | | ✕ | | ✕ | | ✕ | | | ✕ | | ✕ | | 31 |
| TOTAL | 4·99 | 3·95 | 0·23 | 3·35 | 2·46 | 5·23 | 4·61 | 6·46 | 2·75 | 1·73 | 5·93 | 1·76 | YEAR'S TOTAL 43·45 |
| *Days with ·01 in. or more. | 21 | 22 | 2 | 17 | 16 | 17 | 21 | 16 | 14 | 7 | 22 | 17 | 192 |
| *Days with ·04 in. or more. | 19 | 19 | 2 | 16 | 15 | 14 | 20 | 16 | 9 | 5 | 17 | 12 | 164 |
| 40-9999 | 126·7 | 100·3 | 5·8 | 85·1 | 62·5 | 132·8 | 117·1 | 164·1 | 69·9 | 43·9 | 150·6 | 144·7 | 103·5 |

(Signed)..........................................

[P.T.O.

*See Instruction 2 (*f*) on other side.

2836

**Section** A for the entry of Daily Observations. **FOR OFFICIAL USE.**

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1

# REGISTER OF RAINFALL IN 1932.

243

*Kept at* Manchester Swinton

*in the County of* Lancs.

Diameter of Funnel of Gauge ........ in.

Height of top of Gauge above Ground ........ ft ........ in.

,, Ground ,, Sea Level 253 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | | | | | | | | | | | | | 1 |
| 2 | | | | | | | | | | | | | 2 |
| 3 | | | | | | | | | | | | | 3 |
| 4 | | | | | | | | | | | | | 4 |
| 5 | ·89 | | | | | | | | | | | | 5 |
| 6 | | | | | | | | | | | | | 6 |
| 7 | | | | | | | | | | | | | 7 |
| 8 | | | | | | | | | | | | | 8 |
| 9 | | | | ·29 | | | | | | | | | 9 |
| 10 | | ·02 | | | | | | | | | | | 10 |
| 11 | | | | | | | | | | | | | 11 |
| 12 | | | | | | | | | | | | | 12 |
| 13 | | | | | | | | | | | | | 13 |
| 14 | | | | | | | | | | | | | 14 |
| 15 | | | | | ·81 | | | | | | | | 15 |
| 16 | | | | | | | | | | | | | 16 |
| 17 | | | | | | | | | | | | | 17 |
| 18 | | | | | | | | | | | | | 18 |
| 19 | | | | | | | | | | | | | 19 |
| 20 | | | | | | | | | | | | | 20 |
| 21 | | | | | | | | | | | | | 21 |
| 22 | | | | | | | | | | | | | 22 |
| 23 | | | | | | | | | | | | | 23 |
| 24 | | | | | | | Station ceased | | | | | | 24 |
| 25 | | | | | | | | | | | | | 25 |
| 26 | | | | | | | | | | | | | 26 |
| 27 | | | | | | | | | | | | | 27 |
| 28 | | | | | | | | | | | | | 28 |
| 29 | | | ·41 | | | | | | | | | | 29 |
| 30 | | ✕ | | | | ·28 | | | | | | | 30 |
| 31 | | ✕ | | ✕ | | ✕ | | | ✕ | | ✕ | | 31 |
| TOTAL | 3·72 | 0·03 | 1·97 | 2·63 | 4·12 | 0·51 | | | | | | | YEAR'S TOTAL |
| *Days with ·01 in. or more. | 15 | 2 | 11 | 15 | 19 | 4 | | | | | | | |
| *Days with ·04 in. or more. | 9 | 0 | 10 | 14 | 15 | 4 | | | | | | | |
| 40-9999 | 94·5 | 0·8 | 50·0 | 66·8 | 104·6 | 13·0 | | | | | | | |

(*Signed*) ........ [P.T.O.

*See Instruction 2 (*f*) on other side.

2837

Section **A** for the entry of

AIR MINISTRY

FORM 1090.

# REGIST

*Kept at* Clifton Power Sta

*in the County of* Lancashir

Diameter of Funnel of Gauge 5

Height of top of Gauge above Ground

,, Ground ,, Sea Le

**THE MORNING MEASUR**

*An observer who does not conform to th*
*year in the space on the right of this*

**Please read th**

—

# 2837

CLIFTON POWER STATION

1931 —— 32

780501

FOR OFFICIAL USE.

ORGANIZATION.

OK

O.K.

22/2/32

*wing*

Jan. 1, following.

| Date | Jan. | Feb. | March | A |  |  |  |  |  |  | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. |  |
| 1 | .17 | – | .03 | .09 | – | – | – | Trace | .03 | .05 | Trace | – | 1 |
| 2 | .01 | .07 | – | .73 | .06 | .97 | – | Trace | .71 | Trace | .07 | .15 | 2 |
| 3 | – | – | – | .04 | – | .05 | .32 | – | .40 | Trace | 1.52 | .26 | 3 |
| 4 | – | Trace | – | .45 | – | – | .10 | .09 | .36 | Trace | .01 | .36 | 4 |
| 5 | – | .13 | – | – | .10 | .92 | .44 | .93 | .30 | – | – | .22 | 5 |
| 6 | – | .30 | .02 | Trace | .05 | .15 | .58 | .01 | .20 | .53 | .32 | – | 6 |
| 7 | – | .02 | Trace | – | – | .46 | – | .52 | – | .25 | .06 | .11 | 7 |
| 8 | .05 | .14 | .01 | .11 | – | Trace | .20 | .31 | – | .02 | .20 | .01 | 8 |
| 9 | Trace | .61 | – | .21 | Trace | .05 | – | .39 | .05 | .01 | .16 | .12 | 9 |
| 10 | .02 | .02 | – | – | .17 | .31 | – | .23 | .10 | – | .25 | – | 10 |
| 11 | .55 | .35 | – | .06 | – | Trace | .10 | Trace | .48 | Trace | .37 | .02 | 11 |
| 12 | .03 | .20 | – | – | – | Trace | .38 | .01 | .08 | .14 | .10 | – | 12 |
| 13 | – | – | .08 | – | .02 | .01 | .52 | .09 | – | – | – | – | 13 |
| 14 | .14 | .15 | – | – | .06 | .88 | .16 | .79 | .02 | Trace | .57 | .01 | 14 |
| 15 | .34 | .36 | – | .18 | .17 | – | .21 | .31 | – | Trace | – | .10 | 15 |
| 16 | .35 | .11 | – | .30 | .28 | .27 | .11 | .65 | .34 | – | – | – | 16 |
| 17 | .04 | .05 | – | .06 | .20 | .08 | .20 | .55 | .04 | – | .10 | – | 17 |
| 18 | .40 | – | – | .02 | – | .50 | .64 | .05 | – | – | .89 | – | 18 |
| 19 | .22 | .16 | ~~–~~ | .01 | – | – | .22 | .85 | – | .03 | .01 | .04 | 19 |
| 20 | – | .16 | .05 | – | – | .09 | Trace | .25 | – | – | .05 | .01 | 20 |
| 21 | .55 | – | .08 | – | .12 | .08 | Trace | .24 | – | – | .03 | – | 21 |
| 22 | .10 | .15 | – | .09 | .21 | .07 | .02 | – | – | – | .11 | – | 22 |
| 23 | .34 | – | – | .08 | .26 | .20 | .49 | – | – | – | .43 | .25 | 23 |
| 24 | .10 | .24 | – | .10 | .45 | – | .04 | – | – | – | .02 | .07 | 24 |
| 25 | .24 | .84 | – | .17 | .08 | – | – | – | – | – | .04 | .11 | 25 |
| 26 | – | .09 | – | .63 | – | – | – | – | – | – | .52 | .01 | 26 |
| 27 | .48 | .10 | – | .03 | .25 | – | .14 | – | – | .46 | 1.04 | .09 | 27 |
| 28 | .46 | .36 | – | .01 | .09 | – | .14 | – | .05 | – | – | .08 | 28 |
| 29 | .18 |  | – | .03 | .13 | – | .10 | – | – | .73 | .02 | – | 29 |
| 30 | Trace | × | – | .01 | – | – | – | – | .10 | – | – | – | 30 |
| 31 | .22 | × | – | × | – | × | .29 | Trace | × | – | × | .08 | 31 |
| TOTAL | 4.99 | 4.61 | .27 | 3.41 | 2.70 | 5.09 | 5.40 | 6.27 | 3.26 | 2.22 | 6.89 | 2.10 | YEAR'S TOTAL 47.21 |
| Days with ·01 in. or more. | 21 | 21 | 6 | 21 | 17 | 16 | 21 | 17 | 15 | 9 | 23 | 19 | 206 |
| Days with ·04 in. or more. | 18 | 19 | 3 | 15 | 16 | 15 | 20 | 15 | 13 | 6 | 18 | 14 | 172 |

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(*Signed*) W.H. Jarvis. [P.T.O.

Section **A** for the entry of FOR OFFICIAL USE.

2837

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1931.

X, see below

~~350~~

OK

O.K.

22/2/32

*Kept at* Clifton Power Station.

*in the County of* Lancashire.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft 6 in.

,, Ground ,, Sea Level 124 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following.

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | .17 | - | .03 | .09 | - | - | - | Trace | .03 | .05 | Trace | - | 1 |
| 2 | .01 | .07 | - | .73 | .06 | .97 | - | Trace | .71 | Trace | .07 | .15 | 2 |
| 3 | - | - | - | .04 | - | .05 | .32 | - | .40 | Trace | 1.52 | .26 | 3 |
| 4 | - | Trace | - | .45 | - | - | .10 | .09 | .36 | Trace | .01 | .36 | 4 |
| 5 | - | .13 | - | - | .10 | .92 | .44 | .93 | .30 | - | - | .22 | 5 |
| 6 | - | .30 | .02 | Trace | .05 | .15 | .58 | .01 | .20 | .53 | .32 | - | 6 |
| 7 | - | .02 | Trace | - | - | .46 | - | .52 | - | .25 | .06 | .11 | 7 |
| 8 | .05 | .14 | .01 | .11 | - | Trace | .20 | .31 | - | .02 | .20 | .01 | 8 |
| 9 | Trace | .61 | - | .21 | Trace | .05 | - | .39 | .05 | .01 | .16 | .12 | 9 |
| 10 | .02 | .02 | - | - | .17 | .31 | - | .23 | .10 | - | .25 | - | 10 |
| 11 | .55 | .35 | - | .06 | - | Trace | .10 | Trace | .48 | Trace | .37 | .02 | 11 |
| 12 | .03 | .20 | - | - | - | Trace | .38 | .01 | .08 | .14 | .10 | - | 12 |
| 13 | - | - | .08 | - | .02 | .01 | .52 | .09 | - | - | - | - | 13 |
| 14 | .14 | .15 | - | - | .06 | .88 | .16 | .79 | .02 | Trace | .57 | .01 | 14 |
| 15 | .34 | .36 | - | .18 | .17 | - | .21 | .31 | - | Trace | - | .10 | 15 |
| 16 | .35 | .11 | - | .30 | .28 | .27 | .11 | .65 | .34 | - | - | - | 16 |
| 17 | .04 | .05 | - | .06 | .20 | .08 | .20 | .55 | .04 | - | .10 | - | 17 |
| 18 | .40 | - | - | .02 | - | .50 | .64 | .05 | - | - | .89 | - | 18 |
| 19 | .22 | .16 | X | .01 | - | - | .22 | .85 | - | .03 | .01 | .04 | 19 |
| 20 | - | .16 | .05 | - | - | .09 | Trace | .25 | - | - | .05 | .01 | 20 |
| 21 | .55 | - | .08 | - | .12 | .08 | Trace | .24 | - | - | .03 | - | 21 |
| 22 | .10 | .15 | - | .09 | .21 | .07 | .02 | - | - | - | .11 | - | 22 |
| 23 | .34 | - | - | .08 | .26 | .20 | .49 | - | - | - | .43 | .25 | 23 |
| 24 | .10 | .24 | - | .10 | .45 | - | .04 | - | - | - | .02 | .07 | 24 |
| 25 | .24 | .84 | - | .17 | .08 | - | - | - | - | - | .04 | .11 | 25 |
| 26 | - | .09 | - | .63 | - | - | - | - | - | - | .52 | .01 | 26 |
| 27 | .48 | .10 | - | .03 | .25 | - | .14 | - | - | .46 | 1.04 | .09 | 27 |
| 28 | .46 | .36 | - | .01 | .09 | - | .14 | - | .05 | - | - | .08 | 28 |
| 29 | .18 | | - | .03 | .13 | - | .10 | - | - | .73 | .02 | - | 29 |
| 30 | Trace | X | - | .01 | - | - | - | - | .10 | - | - | - | 30 |
| 31 | .22 | X | - | X | - | X | .29 | Trace | X | - | X | .08 | 31 |
| TOTAL | 4.99 | 4.61 | .27 | 3.41 | 2.70 | 5.09 | 5.40 | 6.27 | 3.26 | 2.22 | 6.89 | 2.10 | YEAR'S TOTAL<br>47.21 |
| Days with ·01 in. or more. | 21 | 21 | 6 | 21 | 17 | 16 | 21 | 17 | 15 | 9 | 23 | 19 | 206 |
| Days with ·04 in. or more. | 18 | 19 | 3 | 15 | 16 | 15 | 20 | 15 | 13 | 6 | 18 | 14 | 172 |

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(*Signed*) W.H. Jarvis.

P.T.O.

2837

**Section** **A** for the entry of Daily Observations.

## COPY FOR OFFICIAL USE.

Station No. 2837

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 193 .

*Kept at* CLIFTON POWER STATION.

*in the County of* LANCASHIRE.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 6 in.

,, Ground ,, Sea Level 124 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | .25 | – | – | .28 | .04 | – | .22 | – | .28 | .29 | .14 | .12 | 1 |
| 2 | .87 | – | – | – | .13 | – | .05 | .01 | .99 | .29 | .04 | .30 | 2 |
| 3 | .01 | – | – | .02 | – | – | .26 | – | .08 | Trace | – | .20 | 3 |
| 4 | .02 | – | – | – | – | – | .22 | – | .02 | .05 | .10 | .03 | 4 |
| 5 | .98 | – | 0.15 | .22 | .03 | – | .05 | – | .10 | – | – | – | 5 |
| 6 | .90 | – | .10 | .34 | – | – | .04 | – | .27 | – | .01 | – | 6 |
| 7 | .05 | – | .45 | .05 | – | – | – | – | .79 | .52 | – | – | 7 |
| 8 | – | – | – | .12 | – | – | Trace | – | .06 | .56 | – | – | 8 |
| 9 | .03 | .02 | – | .27 | .11 | – | – | – | .01 | – | .01 | Trace | 9 |
| 10 | .50 | .02 | .03 | .03 | .01 | – | – | – | .60 | .48 | .03 | .01 | 10 |
| 11 | .03 | .03 | – | – | .37 | .05 | .51 | – | .20 | .01 | – | – | 11 |
| 12 | .22 | – | – | – | .31 | .05 | .03 | .008 | .02 | .50 | – | – | 12 |
| 13 | – | .03 | – | .02 | .09 | – | .29 | .06 | .29 | .40 | Trace | – | 13 |
| 14 | .03 | – | – | .02 | – | – | .81 | .15 | .02 | .16 | .15 | .22 | 14 |
| 15 | Trace | – | – | .02 | .75 | – | – | – | – | .20 | .03 | .04 | 15 |
| 16 | .33 | – | – | – | – | – | – | – | – | .11 | – | .03 | 16 |
| 17 | – | – | – | – | – | – | .08 | .06 | .11 | .43 | – | .07 | 17 |
| 18 | – | – | – | Trace | .02 | – | – | – | .01 | .08 | .02 | Trace | 18 |
| 19 | – | – | – | – | .02 | – | .02 | – | – | .31 | – | – | 19 |
| 20 | – | – | – | .19 | .5 | – | .02 | .28 | – | .19 | .13 | – | 20 |
| 21 | .09 | – | .28 | .16 | .27 | – | .05 | .29 | – | .49 | .08 | .03 | 21 |
| 22 | Trace | – | .21 | .13 | .11 | – | .05 | – | – | .04 | .92 | .01 | 22 |
| 23 | – | – | .01 | .08 | .79 | – | .09 | – | – | .03 | .12 | .04 | 23 |
| 24 | .05 | – | – | – | .01 | .05 | .52 | – | .25 | .01 | .20 | .05 | 24 |
| 25 | – | – | – | .10 | .03 | – | .04 | – | .19 | 1.25 | .22 | .03 | 25 |
| 26 | – | – | – | .08 | .33 | – | .31 | – | .11 | .38 | .14 | .01 | 26 |
| 27 | – | – | .35 | .29 | .40 | .23 | .14 | – | – | .01 | .14 | .02 | 27 |
| 28 | – | – | .08 | .18 | .12 | – | .33 | – | – | – | .06 | .07 | 28 |
| 29 | .08 | – | .49 | .41 | .04 | .05 | .11 | .4 | .14 | .98 | .16 | .01 | 29 |
| 30 | – | × | .17 | .01 | .05 | .35 | .05 | .1 | – | .24 | .24 | .18 | 30 |
| 31 | – | × | .10 | × | .01 | × | .27 | – | × | – | × | .13 | 31 |
| | | | | | | | | | | | | | YEAR'S TOTAL |
| TOTAL | 4.44 | .10 | 2.42 | 3.02 | 4.54 | .78 | 4.56 | 1.358 | 4.54 | 8.01 | 2.94 | 1.60 | 38.308 |
| *Days with ·01 in. or more. | 16 | 4 | 12 | 21 | 23 | 6 | 24 | 8 | 20 | 25 | 20 | 20 | 199 |
| *Days with .04 in. or more. | 11 | Nil | 10 | 15 | 16 | 6 | 21 | 7 | 15 | 21 | 15 | 11 | 148 |

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*See Instruction 2 (*f*) on other side.

(*Signed*)

P.T.O.

CLIFTON (MANCHESTER R

Section **A** for the entry o
AIR MINIST

ation No. ~~2837/35~~

L ORGANIZATION.

FORM 1090.

# REGI

6.

(35)

d at 6pm

2837/5

CLIFTON, MANCHESTER RD.

1936, 37

270501

Kept at 401, Manchester Ro

in the County of Lancashi

Diameter of Funnel of Gauge......

Height of top of Gauge above Gr

" Ground " Se

THE MORNING MEASU

*An observer who does not conform*
*year in the space on the right of t*

Pl

*ollowing*

| Jan. 1, following |
|---|
| .02ins. |

| *Date* | Jan. | Feb. | Mar. | | | | | | | | | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | .22 | .03 | .08 | .10 | - | .01 | - | .01 | .01 | - | .11 | .12 | | 1 |
| 2 | - | .05 | - | .07 | - | .03 | - | .59 | .09 | - | .13 | .27 | | 2 |
| 3 | - | .03 | - | .05 | - | .36 | - | .08 | .82 | - | .05 | .08 | | 3 |
| 4 | .01 | - | .01 | - | - | .03 | .01 | .10 | .58 | - | - | .01 | | 4 |
| 5 | .31 | .29 | .35 | - | - | - | - | - | .36 | - | .23 | .31 | | 5 |
| 6 | - | - | .25 | - | - | .02 | .06 | .58 | .08 | - | .01 | .20 | | 6 |
| 7 | - | - | .01 | - | - | - | .03 | .01 | .81 | - | .10 | - | | 7 |
| 8 | .15 | - | .04 | - | - | - | - | - | .81 | - | .12 | .37 | | 8 |
| 9 | .31 | - | .21 | - | - | - | .12 | - | - | - | .62 | - | | 9 |
| 10 | .05 | - | - | - | - | - | .14 | - | .11 | - | .48 | - | | 10 |
| 11 | - | - | - | - | - | - | .11 | - | - | - | .20 | - | | 11 |
| 12 | - | - | - | - | .04 | .16 | .39 | .05 | .34 | - | .20 | .02 | | 12 |
| 13 | .01 | - | - | .05 | - | .64 | .29 | - | .02 | .07 | .01 | - | | 13 |
| 14 | - | - | - | .02 | - | .22 | .05 | - | .12 | .41 | .21 | .83 | | 14 |
| 15 | .17 | - | - | .07 | - | .13 | .05 | .07 | .21 | .05 | .40 | .08 | | 15 |
| 16 | .10 | - | - | .02 | .13 | .03 | .01 | .02 | .12 | - | .10 | .03 | | 16 |
| 17 | .09 | .11 | .02 | - | .01 | - | .05 | - | - | .50 | .63 | .04 | | 17 |
| 18 | - | .30 | - | - | - | - | .06 | .15 | - | - | - | .03 | | 18 |
| 19 | .22 | .17 | - | .04 | - | .07 | .37 | .50 | - | .43 | - | - | | 19 |
| 20 | .48 | .01 | .01 | .28 | - | .07 | .18 | .09 | - | - | - | - | | 20 |
| 21 | .18 | .08 | - | - | - | - | - | - | - | .02 | - | - | | 21 |
| 22 | .09 | .04 | .01 | .06 | - | .76 | - | - | - | .03 | - | .04 | | 22 |
| 23 | - | .06 | .10 | - | - | .15 | 1.01 | - | - | .05 | - | .01 | | 23 |
| 24 | .10 | - | .06 | .23 | .06 | - | - | - | - | .01 | - | - | | 24 |
| 25 | .32 | - | - | .04 | .01 | - | - | - | .32 | .36 | - | .01 | | 25 |
| 26 | - | .01 | - | - | - | - | .04 | - | .28 | .32 | - | .03 | | 26 |
| 27 | .31 | .18 | .01 | - | - | - | .02 | - | .24 | .32 | - | - | | 27 |
| 28 | .67 | .05 | - | - | - | - | .19 | - | - | .25 | - | - | | 28 |
| 29 | .07 | .15 | .24 | - | - | .24 | .13 | - | - | .13 | .12 | .12 | | 29 |
| 30 | .18 | ✕ | .53 | - | .60 | .43 | .01 | - | - | .11 | .06 | .12 | | 30 |
| 31 | .11 | ✕ | - | ✕ | - | ✕ | .63 | .03 | ✕ | .24 | ✕ | .04 | | 31 |
| TOTAL | 4.15 | 1.56 | 1.93 | 1.03 | .85 | 3.35 | 3.95 | 2.28 | 5.32 | 3.30 | 3.78 | 2.76 | Year's Total 34.26 | |
| * Days with .01 in. or more. | 21 | 15 | 15 | 12 | 6 | 16 | 22 | 13 | 17 | 16 | 18 | 20 | 191 | |
| * Days with .04 in. or more. | 19 | 11 | 9 | 10 | 4 | 11 | 17 | 9 | 15 | 13 | 16 | 13 | 147 | |

40-9999.

* See Instruction 2 (f) on other side.

N

† Spare column, no entries required.

(*Signed*) Geo S Wood [P.T.O.

G.S. WOOD ESQ

CLIFTON (MANCHESTER R

Section **A** for the entry of Daily Observations. Station No. 2837/35

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1936.

(See f. 461766/35)

Gauge read at 6pm etc.

*Kept at* 401, Manchester Road, Clifton,
*in the County of* Lancashire. /3
Diameter of Funnel of Gauge 5 inches.
Height of top of Gauge above Ground 1 ft. 0 in.
,, Ground ,, Sea Level 265 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following .02 ins.

Please read the Notes and Instructions Overleaf.

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | .22 | .03 | .08 | .10 | - | .01 | - | .01 | .01 | - | .11 | .12 | | 1 |
| 2 | - | .05 | - | .07 | - | .03 | - | .59 | .09 | - | .13 | .27 | | 2 |
| 3 | - | .03 | - | .05 | - | .36 | - | .08 | .82 | - | .05 | .08 | | 3 |
| 4 | .01 | - | .01 | - | - | .03 | .01 | .10 | .58 | - | - | .01 | | 4 |
| 5 | .31 | .29 | .35 | - | - | - | - | - | .36 | - | .23 | .31 | | 5 |
| 6 | - | - | .25 | - | - | .02 | .06 | .58 | .08 | - | .01 | .20 | | 6 |
| 7 | - | - | .01 | - | - | - | .03 | .01 | .81 | - | .10 | - | | 7 |
| 8 | .15 | - | .04 | - | - | - | - | - | .81 | - | .12 | .37 | | 8 |
| 9 | .31 | - | .21 | - | - | - | .12 | - | - | - | .62 | - | | 9 |
| 10 | .05 | - | - | - | - | - | .14 | - | .11 | - | .48 | - | | 10 |
| 11 | - | - | - | - | - | - | .11 | - | - | - | .20 | - | | 11 |
| 12 | - | - | - | - | .04 | .16 | .39 | .05 | .34 | - | .20 | .02 | | 12 |
| 13 | .01 | - | - | .05 | - | .64 | .29 | - | .02 | .07 | .01 | - | | 13 |
| 14 | - | - | - | .02 | - | .22 | .05 | - | .12 | .41 | .21 | .83 | | 14 |
| 15 | .17 | - | - | .07 | - | .13 | .05 | .07 | .21 | .05 | .40 | .08 | | 15 |
| 16 | .10 | - | - | .02 | .13 | .03 | .01 | .02 | .12 | - | .10 | .03 | | 16 |
| 17 | .09 | .11 | .02 | - | .01 | - | .05 | - | - | .50 | .63 | .04 | | 17 |
| 18 | - | .30 | - | - | - | - | .06 | .15 | - | - | - | .03 | | 18 |
| 19 | .22 | .17 | - | .04 | - | .07 | .37 | .50 | - | .43 | - | - | | 19 |
| 20 | .48 | .01 | .01 | .28 | - | .07 | .18 | .09 | - | - | - | - | | 20 |
| 21 | .18 | .08 | - | - | - | - | - | - | - | .02 | - | - | | 21 |
| 22 | .09 | .04 | .01 | .06 | - | .76 | - | - | - | .03 | - | .04 | | 22 |
| 23 | - | .06 | .10 | - | - | .15 | 1.01 | - | - | .05 | - | .01 | | 23 |
| 24 | .10 | - | .06 | .23 | .06 | - | - | - | - | .01 | - | - | | 24 |
| 25 | .32 | - | - | .04 | .01 | - | - | - | .32 | .36 | - | .01 | | 25 |
| 26 | - | .01 | - | - | - | - | .04 | - | .28 | .32 | - | .03 | | 26 |
| 27 | .31 | .18 | .01 | - | - | - | .02 | - | .24 | .32 | - | - | | 27 |
| 28 | .67 | .05 | - | - | - | - | .19 | - | - | .25 | - | - | | 28 |
| 29 | .07 | .15 | .24 | - | - | .24 | .13 | - | - | .13 | .12 | .12 | | 29 |
| 30 | .18 | X | .53 | - | .60 | .43 | .01 | - | - | .11 | .06 | .12 | | 30 |
| 31 | .11 | X | - | X | - | X | .63 | .03 | X | .24 | X | .04 | | 31 |
| TOTAL | 4.15 | 1.56 | 1.93 | 1.03 | .85 | 3.35 | 3.95 | 2.28 | 5.32 | 3.30 | 3.78 | 2.76 | Year's Total 34.26 | |
| * Days with .01 in. or more. | 21 | 15 | 15 | 12 | 6 | 16 | 22 | 13 | 17 | 16 | 18 | 20 | 191 | |
| * Days with .04 in. or more. | 19 | 11 | 9 | 10 | 4 | 11 | 17 | 9 | 15 | 13 | 16 | 13 | 147 | |

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) Geo. S. Wood [P.T.O.

N

G.S. WOOD ESQ

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 2837/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1937.

*Kept at* CLIFTON,

*in the County of* LANCASHIRE.

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground ...... ft. ...... in.

" Ground " Sea Level 265 ft.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·02 | ·21 | ·02 | — | — | | | | | | | | | 1 |
| 2 | ·09 | ·17 | ·06 | ·15 | — | | | | | | | | | 2 |
| 3 | — | ·17 | ·05 | ·04 | ·11 | | | | | | | | | 3 |
| 4 | ·24 | tr. | ·03 | ·10 | ·15 | | | | | | | | | 4 |
| 5 | 1·17 | — | tr. | ·01 | ·05 | | | | | | | | | 5 |
| 6 | ·09 | — | — | ·15 | ·12 | | | | | | | | | 6 |
| 7 | tr. | ·16 | — | ·37 | ·02 | | | | | | | | | 7 |
| 8 | tr. | ·63 | tr. | ·04 | tr. | | | | | | | | | 8 |
| 9 | ·01 | ·31 | tr. | ·05 | ·32 | | | | | | | | | 9 |
| 10 | ·01 | ·26 | ·02 | tr. | — | | | | | | | | | 10 |
| 11 | — | ·02 | ·09 | — | ·21 | | | | | | | | | 11 |
| 12 | ·04 | ·41 | ·12 | — | ·01 | | | | | | | | | 12 |
| 13 | — | ·23 | tr. | tr. | tr. | | | | | | | | | 13 |
| 14 | — | ·04 | ·03 | — | — | | | | | | | | | 14 |
| 15 | ·22 | ·30 | ·02 | ·35 | tr. | | | | | | | | | 15 |
| 16 | ·04 | ·55 | ·17 | ·26 | ·02 | | | | | | | | | 16 |
| 17 | ·05 | ·08 | ·32 | ·15 | ·16 | | | | | | | | | 17 |
| 18 | ·31 | ·34 | ·10 | ·14 | tr. | | | | | | | | | 18 |
| 19 | ·12 | ·26 | ·04 | ·19 | — | | | | | | | | | 19 |
| 20 | ·07 | ·04 | tr. | ·28 | tr. | | | | | | | | | 20 |
| 21 | tr. | ·10 | ·04 | ·12 | ·24 | | | | | | | | | 21 |
| 22 | ·10 | ·10 | ·05 | ·02 | ·03 | | | | | | | | | 22 |
| 23 | ·12 | ·10 | tr. | tr. | ·42 | | | | | | | | | 23 |
| 24 | ·14 | ·23 | ·12 | — | tr. | | | | | | | | | 24 |
| 25 | — | ·42 | tr. | — | tr. | | | | | | | | | 25 |
| 26 | — | ·27 | ·08 | — | ·46 | | | | | | | | | 26 |
| 27 | — | ·30 | tr. | ·17 | — | | | | | | | | | 27 |
| 28 | — | ·08 | tr. | — | — | | | | | | | | | 28 |
| 29 | tr. | ✕ | — | — | — | | | | | | | | | 29 |
| 30 | ·09 | ✕ | — | — | — | | | | | | | | | 30 |
| 31 | ·31 | ✕ | — | ✕ | — | ✕ | | | ✕ | | ✕ | | | 31 |
| TOTAL | 3·24 | 5·68 | 1·36 | 2·59 | 2·32 | | Obs. temporarily suspended | | | | 5 MONTH'S TOTAL – | | ~~Year's Total~~ 15·19 | |
| * Days with .01 in. or more. | 19 | 24 | 17 | 17 | 14 | | see file 46/766/35 | | | | | | 91 | |
| * Days with .04 in. or more. | 16 | 23 | 12 | 15 | 10 | | | | | | | | 76 | |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) Geo. L Wood [P.T.O.

—

2838

PRESTWICH SEWAGE WORKS

1931 - 1940

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2838

Section **A** for the en

AIR MIN

FOR OFFICIAL USE.

GANIZATION.

FORM 1090.

REC

*Kept at* Pre

*in the County of*

Diameter of Funnel of Gau

Height of top of Gauge abov

,, Ground ,,

**THE MORNING M**

*An observer who does not con*
*year in the space on the rig*

ng

Jan. 1, following

| Date | Jan. | Feb. | M | | | | | | | | ov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | | | | | | | | | n. | in. | |
| 1 | - | - | | | | | | | | | - | - | 1 |
| 2 | ·02 | ·07 | | | | | | | | | 6 | ·05 | 2 |
| 3 | - | - | | | | | | | | | 41 | ·37 | 3 |
| 4 | - | ·02 | | | | | | | | | 01 | ·33 | 4 |
| 5 | - | ·13 | | | | | | | | | - | ·22 | 5 |
| 6 | - | ·26 | | | | | | | | | 34 | - | 6 |
| 7 | - | ·01 | | | | | | | | | 07 | ·11 | 7 |
| 8 | ·10 | ·15 | | | | | | | | | 17 | - | 8 |
| 9 | ·02 | ·59 | | | | | | | | | 16 | ·10 | 9 |
| 10 | ·04 | ·04 | | | | | | | | | 24 | - | 10 |
| 11 | ·52 | ·36 | | | | | | | | | ·30 | - | 11 |
| 12 | - | ·29 | | | | | | | | | ·10 | - | 12 |
| 13 | - | - | | | | | | | | | - | - | 13 |
| 14 | ·14 | ·14 | - | | | | | | | | ·60 | - | 14 |
| 15 | ·31 | ·33 | - | ·17 | ·16 | - | ·24 | ·29 | - | - | - | ·09 | 15 |
| 16 | ·33 | ·11 | - | ·31 | ·32 | ·27 | ·06 | ·53 | ·31 | - | - | - | 16 |
| 17 | ·05 | ·03 | - | ·09 | ·17 | ·08 | ·20 | ·55 | ·02 | - | ·09 | - | 17 |
| 18 | ·38 | - | - | ·02 | - | ·48 | ·66 | ·11 | - | - | ·80 | - | 18 |
| 19 | ·21 | ·21 | ·05 | - | - | - | ·25 | ·85 | - | ·01 | - | ·04 | 19 |
| 20 | - | ·16 | ·08 | - | - | ·09 | - | ·23 | - | - | ·05 | ·01 | 20 |
| 21 | ·51 | ·05 | - | - | ·13 | ·07 | ·01 | ·25 | - | - | ·07 | - | 21 |
| 22 | ·10 | ·14 | - | ·07 | ·17 | ·07 | ·02 | - | - | - | ·07 | - | 22 |
| 23 | ·33 | - | - | ·07 | ·27 | ·20 | ·49 | - | - | - | ·43 | ·23 | 23 |
| 24 | ·09 | ·25 | - | ·10 | ·42 | - | ·03 | - | - | - | ·01 | ·06 | 24 |
| 25 | ·30 | ·78 | - | ·25 | ·07 | - | - | - | - | - | ·04 | ·08 | 25 |
| 26 | ·04 | ·07 | - | ·54 | - | - | ·01 | - | - | - | ·49 | ·01 | 26 |
| 27 | ·44 | ·11 | - | ·05 | ·28 | - | ·19 | - | - | ·43 | ·95 | ·07 | 27 |
| 28 | ·42 | ·33 | - | ·02 | ·09 | - | ·11 | - | ·04 | - | - | ·12 | 28 |
| 29 | ·18 | × | - | ·02 | ·12 | - | ·10 | - | - | ·67 | ·02 | - | 29 |
| 30 | - | × | - | ·02 | - | - | ·02 | - | ·11 | - | - | - | 30 |
| 31 | ·22 | × | - | × | - | × | ·35 | - | × | ·01 | × | ·07 | 31 |
| TOTAL | 4·75 | 4·63 | ·22 | 3·38 | 2·75 | 5·04 | 5·89 | 6·07 | 3·20 | 2·06 | 6·48 | 1·96 | YEAR'S TOTAL 46·43 |
| *Days with ·01 in. or more. | 21 | 23 | 3 | 21 | 20 | 16 | 25 | 17 | 16 | 10 | 22 | 16 | 210 |
| *Days with ·04 in. or more. | 19 | 20 | 3 | 16 | 16 | 15 | 19 | 15 | 11 | 6 | 19 | 14 | 173 |

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) [P.T.O.

Engineer, [illegible]

Section **A** for the en

FOR OFFICIAL USE.

2838

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1931.

*Kept at* Prestwich

*in the County of* Lancaster

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground - ft 10 in.

,, Ground ,, Sea Level 150 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | - | - | - | .08 | - | - | - | - | .03 | .07 | - | - | 1 |
| 2 | .02 | .07 | - | .69 | .04 | .94 | - | - | .76 | - | .06 | .08 | 2 |
| 3 | - | - | - | .04 | - | .07 | .33 | .09 | .39 | - | 1.41 | .37 | 3 |
| 4 | - | .02 | - | .46 | .01 | - | .10 | - | .39 | - | .01 | .33 | 4 |
| 5 | - | .13 | - | - | .12 | .97 | .41 | .93 | .03 | - | - | .22 | 5 |
| 6 | - | .26 | - | .01 | .10 | .20 | .87 | .01 | .28 | .51 | .34 | - | 6 |
| 7 | - | .01 | - | - | - | .45 | .01 | .52 | - | .17 | .07 | .11 | 7 |
| 8 | .10 | .15 | - | .12 | .01 | - | .21 | .32 | .02 | .01 | .17 | - | 8 |
| 9 | .02 | .59 | - | .20 | .01 | .05 | - | .31 | .11 | .03 | .16 | .10 | 9 |
| 10 | .04 | .04 | - | - | .18 | .30 | - | .15 | .17 | - | .24 | - | 10 |
| 11 | .52 | .36 | - | .05 | - | - | .10 | - | .45 | - | .30 | - | 11 |
| 12 | - | .29 | - | - | - | - | .44 | .01 | .07 | .15 | .10 | - | 12 |
| 13 | - | - | .09 | - | .02 | .01 | .55 | .08 | - | - | - | - | 13 |
| 14 | .14 | .14 | - | - | .06 | .79 | .13 | .84 | .02 | - | .60 | - | 14 |
| 15 | .31 | .33 | - | .17 | .16 | - | .24 | .29 | - | - | - | .09 | 15 |
| 16 | .33 | .11 | - | .31 | .32 | .27 | .06 | .53 | .31 | - | - | - | 16 |
| 17 | .05 | .03 | - | .09 | .17 | .08 | .20 | .55 | .02 | - | .09 | - | 17 |
| 18 | .38 | - | - | .02 | - | .48 | .66 | .11 | - | - | .80 | - | 18 |
| 19 | .21 | .21 | .05 | - | - | - | .25 | .85 | - | .01 | - | .04 | 19 |
| 20 | - | .16 | .08 | - | - | .09 | - | .23 | - | - | .05 | .01 | 20 |
| 21 | .51 | .05 | - | - | .13 | .07 | .01 | .25 | - | - | .07 | - | 21 |
| 22 | .10 | .14 | - | .07 | .17 | .07 | .02 | - | - | - | .07 | - | 22 |
| 23 | .33 | - | - | .07 | .27 | .20 | .49 | - | - | - | .43 | .23 | 23 |
| 24 | .09 | .25 | - | .10 | .42 | - | .03 | - | - | - | .01 | .06 | 24 |
| 25 | .30 | .78 | - | .25 | .07 | - | - | - | - | - | .04 | .08 | 25 |
| 26 | .04 | .07 | - | .54 | - | - | .01 | - | - | - | .49 | .01 | 26 |
| 27 | .44 | .11 | - | .05 | .28 | - | .19 | - | - | .43 | .95 | .07 | 27 |
| 28 | .42 | .33 | - | .02 | .09 | - | .11 | - | .04 | - | - | .12 | 28 |
| 29 | .18 | × | - | .02 | .12 | - | .10 | - | - | .67 | .02 | - | 29 |
| 30 | - | × | - | .02 | - | - | .02 | - | .11 | - | - | - | 30 |
| 31 | .22 | × | - | × | - | × | .35 | - | × | .01 | × | .07 | 31 |
| TOTAL | 4.75 | 4.63 | .22 | 3.38 | 2.75 | 5.04 | 5.89 | 6.07 | 3.20 | 2.06 | 6.48 | 1.96 | YEAR'S TOTAL<br>46.43 |
| *Days with ·01 in. or more. | 21 | 23 | 3 | 21 | 20 | 16 | 25 | 17 | 16 | 10 | 22 | 16 | 210 |
| *Days with ·04 in. or more. | 19 | 20 | 3 | 16 | 16 | 15 | 19 | 15 | 11 | 6 | 19 | 14 | 173 |

40-9999

*See Instruction 2 (*f*) on other side.

(Signed) H. [illegible]

Engineer & Surveyor

P.T.O.

## COPY FOR OFFICIAL USE.

**Section** **A** for the entry of Daily Observations. **Station No.** 2838

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1932.

*Kept at* Prestwich

*in the County of* Lancashire

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground - ft 10 in.

,, Ground ,, Sea Level 150 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | .21 | .01 | . | .30 | .04 | . | .21 | . | .29 | .45 | .11 | .10 | 1 |
| 2 | .86 | . | . | . | .14 | . | .05 | .02 | .91 | .18 | .04 | .31 | 2 |
| 3 | .01 | . | . | .01 | - | . | .24 | . | .08 | .02 | .03 | .23 | 3 |
| 4 | .02 | - | . | - | - | . | .19 | . | .02 | .02 | .13 | .02 | 4 |
| 5 | .91 | . | .16 | .23 | .02 | . | . | . | .09 | - | - | - | 5 |
| 6 | .90 | . | .10 | .29 | . | . | .02 | . | .24 | - | - | . | 6 |
| 7 | .07 | . | .46 | .08 | - | . | . | - | .75 | .51 | - | . | 7 |
| 8 | - | . | .01 | .13 | . | . | - | . | .05 | .55 | .01 | - | 8 |
| 9 | .04 | .03 | - | .28 | .13 | . | . | - | .03 | . | - | .03 | 9 |
| 10 | .48 | .01 | .05 | .03 | . | . | . | . | .75 | .46 | .03 | . | 10 |
| 11 | .02 | . | . | .01 | .38 | .07 | - | - | .04 | .02 | - | - | 11 |
| 12 | .20 | - | - | . | .30 | .17 | .62 | .05 | .02 | .48 | - | - | 12 |
| 13 | . | .03 | - | .01 | .10 | . | .07 | .07 | .28 | .43 | - | .20 | 13 |
| 14 | .04 | - | - | .02 | - | . | .32 | .14 | .01 | .15 | .15 | .05 | 14 |
| 15 | . | . | . | . | .75 | - | .81 | . | . | .20 | .01 | .04 | 15 |
| 16 | .29 | . | - | - | . | - | - | - | . | .11 | .01 | .07 | 16 |
| 17 | - | . | . | - | - | . | .10 | .01 | .10 | .40 | . | . | 17 |
| 18 | - | . | . | - | .02 | . | - | - | .03 | .06 | . | . | 18 |
| 19 | - | - | . | .19 | .04 | . | .01 | . | . | .26 | . | . | 19 |
| 20 | . | - | . | .15 | .50 | . | .03 | .27 | . | .19 | .14 | .02 | 20 |
| 21 | .07 | .01 | .26 | .01 | .31 | . | .08 | .30 | . | .48 | .09 | . | 21 |
| 22 | .01 | . | .20 | .15 | .11 | . | .07 | . | . | .06 | .92 | .05 | 22 |
| 23 | . | - | . | .06 | .72 | . | .11 | . | . | .11 | .12 | .06 | 23 |
| 24 | .05 | . | . | - | . | .02 | .57 | - | . | - | .20 | .03 | 24 |
| 25 | . | .01 | . | .10 | .04 | . | .03 | . | .25 | 1.21 | .22 | . | 25 |
| 26 | . | . | . | .16 | .32 | . | .33 | - | .15 | .40 | .16 | .01 | 26 |
| 27 | . | . | .37 | .28 | .40 | .22 | .16 | . | .07 | .01 | .14 | .08 | 27 |
| 28 | .02 | . | .07 | .19 | .13 | . | .31 | . | . | . | - | .01 | 28 |
| 29 | .08 | . | .47 | .36 | .02 | .07 | .11 | .38 | .13 | .79 | .13 | .19 | 29 |
| 30 | . | ✕ | .26 | - | .06 | .30 | .06 | .08 | . | .23 | .24 | .10 | 30 |
| 31 | .01 | ✕ | .13 | ✕ | .02 | ✕ | .24 | . | ✕ | - | ✕ | .07 | 31 |
| TOTAL | 4.29 | .10 | 2.54 | 3.04 | 4.55 | .85 | 4.74 | 1.32 | 4.29 | 7.78 | 2.88 | 1.67 | YEAR'S TOTAL 38.05 |
| *Days with .01 in. or more. | 19 | 6 | 12 | 21 | 21 | 6 | 23 | 9 | 20 | 25 | 19 | 19 | 200 |
| *Days with .04 in. or more. | 13 | . | 11 | 15 | 17 | 5 | 19 | 7 | 15 | 21 | 14 | 13 | 150 |

40-9999

*See Instruction 2 (*f*) on other side,

(*Signed*)

ENGINEER & SURVEYOR.

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2838

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1933.

*Kept at* Sewage Works District

*in the County of* Lancashire

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground ft 10 in.

,, Ground ,, Sea Level 150 ft.

Note change of authority

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·03 | ·40 | ·01 | | ·01 | ·01 | - | ·02 | | | ·26 | | 1 |
| 2 | ·38 | - | · | ·26 | · | ·09 | - | 11 | ·01 | | · | | 2 |
| 3 | ·31 | ·49 | ·37 | · | ·40 | - | - | · | | | · | | 3 |
| 4 | - | ·07 | ·27 | · | ·19 | · | - | · | | | · | | 4 |
| 5 | ·19 | ·17 | ·04 | · | ·05 | · | - | · | | | ·03 | | 5 |
| 6 | - | ·08 | ·18 | · | ·25 | · | - | · | | | · | ·04 | 6 |
| 7 | ·06 | ·39 | ·01 | · | ·03 | - | ·25 | ·03 | | 73 | · | · | 7 |
| 8 | ·28 | ·08 | ·16 | ·16 | ·04 | ·04 | ·18 | · | | | · | ·03 | 8 |
| 9 | - | ·25 | - | ·06 | ·07 | · | ·63 | ·02 | | 68 | ·12 | · | 9 |
| 10 | - | ·13 | - | · | · | ·05 | ·14 | · | | 1.27 | ·21 | · | 10 |
| 11 | - | · | · | ·04 | - | - | ·65 | · | | ·31 | · | ·08 | 11 |
| 12 | ·10 | · | · | · | · | ·16 | ·39 | · | | ·23 | · | ·02 | 12 |
| 13 | - | · | · | · | ·19 | | ·31 | 04 | ·02 | ·22 | ·20 | · | 13 |
| 14 | 14 | · | ·03 | · | ·03 | | ·08 | 07 | | ·03 | ·35 | · | 14 |
| 15 | ·32 | · | - | · | | | - | 08 | | ·31 | ·18 | · | 15 |
| 16 | ·10 | ·02 | ·15 | ·04 | ·02 | ·23 | ·03 | - | | ·09 | · | · | 16 |
| 17 | ·04 | | ·96 | · | - | ·68 | · | 19 | ·07 | · | · | · | 17 |
| 18 | ·04 | ·01 | ·23 | · | 04 | ·56 | · | - | | · | · | · | 18 |
| 19 | · | | ·44 | · | · | ·08 | · | 04 | ·49 | · | ·09 | ·03 | 19 |
| 20 | · | ·15 | ·01 | · | 02 | - | · | 14 | | | · | - | 20 |
| 21 | · | ·01 | · | · | · | - | · | 65 | ·09 | | · | · | 21 |
| 22 | · | | · | · | 01 | - | · | 08 | | ·06 | · | - | 22 |
| 23 | · | | · | ·30 | ·04 | ·05 | · | ·03 | ·08 | ·09 | · | · | 23 |
| 24 | · | ·22 | · | ·14 | ·19 | ·19 | · | - | 58 | · | · | · | 24 |
| 25 | · | ·38 | · | ·11 | · | · | · | - | ·32 | · | · | ·10 | 25 |
| 26 | · | ·35 | · | ·29 | - | - | · | - | - | ·31 | · | - | 26 |
| 27 | | ·01 | · | · | ·05 | - | · | - | ·02 | ·02 | · | · | 27 |
| 28 | | · | · | ·03 | · | - | ·17 | - | - | ·07 | · | · | 28 |
| 29 | | × | · | · | - | - | ·03 | - | - | ·01 | · | ·09 | 29 |
| 30 | ·06 | × | ·01 | ·03 | - | · | ·07 | - | - | ·24 | · | ·18 | 30 |
| 31 | ·35 | × | ·08 | × | - | × | ·07 | .08 | × | ·28 | × | · | 31 |
| TOTAL | 2·40 | 3·21 | 2·95 | 1·46 | 1·63 | 2·14 | 3·00 | 1·58 | 1·68 | 4·95 | 1·44 | ·57 | YEAR'S TOTAL 27·01 |
| *Days with ·01 in. or more. | 14 | 17 | 15 | 11 | 17 | 11 | 13 | 14 | 9 | 17 | 8 | 8 | 154 |
| *Days with .04 in. or more. | 13 | 13 | 10 | 9 | 11 | 10 | 11 | 10 | 6 | 14 | 7 | 5 | 118 |

40-9999

*See Instruction 2 (*f*) on other side.

D

*(Signed)* Handel Kay.

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2838

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1934.

*Kept at* PRESTWICH

*in the County of* Lancashire

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground - ft 10 in.

,, Ground ,, Sea Level 150 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·13 | - | - | - | - | - | - | ·05 | ·22 | ·05 | ·07 | ·56 | | 1 |
| 2 | ·01 | ·02 | ·14 | - | - | - | - | ·55 | ·06 | - | ·29 | ·30 | | 2 |
| 3 | ·08 | - | - | - | - | - | - | ·16 | ·06 | ·12 | ·03 | ·07 | | 3 |
| 4 | ·22 | - | ·11 | ·05 | ·07 | - | - | ·03 | ·03 | ·67 | - | ·93 | | 4 |
| 5 | - | - | ·04 | - | ·06 | - | - | ·60 | - | ·19 | - | ·08 | | 5 |
| 6 | - | - | ·14 | - | ·46 | ·07 | - | ·06 | - | ·26 | - | ·29 | | 6 |
| 7 | ·36 | ·01 | ·13 | ·07 | - | ·08 | - | - | - | ·07 | ·26 | ·24 | | 7 |
| 8 | - | - | - | - | ·12 | ·30 | - | ·02 | - | ·10 | ·80 | ·01 | | 8 |
| 9 | - | ·02 | ·22 | ·01 | - | - | - | ·13 | ·02 | - | ·31 | ·05 | | 9 |
| 10 | - | - | ·32 | ·02 | - | - | - | ·14 | - | ·35 | ·03 | - | | 10 |
| 11 | ·06 | - | ·05 | ·31 | - | - | - | ·20 | - | - | ·05 | ·13 | | 11 |
| 12 | - | - | - | ·12 | - | - | ·12 | - | - | ·06 | - | ·06 | | 12 |
| 13 | ·40 | - | - | ·04 | ·08 | - | ·05 | - | - | ·15 | - | - | | 13 |
| 14 | ·12 | - | ·12 | - | ·04 | - | - | - | - | ·45 | ·04 | ·07 | | 14 |
| 15 | ·27 | ·01 | ·30 | - | ·62 | - | - | ·17 | ·10 | - | - | ·24 | | 15 |
| 16 | ·46 | - | ·12 | - | ·14 | - | - | - | - | ·07 | - | ·17 | | 16 |
| 17 | ·25 | - | ·23 | ·01 | ·14 | - | ·22 | - | ·27 | ·01 | - | ·14 | | 17 |
| 18 | ·30 | - | ·17 | ·29 | ·42 | ·21 | - | ·02 | - | - | - | ·12 | | 18 |
| 19 | - | - | ·21 | - | ·10 | ·45 | - | - | ·28 | ·18 | - | ·01 | | 19 |
| 20 | ·01 | - | ·01 | ·10 | ·18 | ·02 | - | - | ·17 | ·06 | - | ·02 | | 20 |
| 21 | ·07 | - | ·04 | - | ·04 | ·41 | - | ·05 | ·10 | ·09 | - | - | | 21 |
| 22 | ·06 | - | ·03 | - | - | - | - | ·22 | ·61 | ·10 | ·01 | ·05 | | 22 |
| 23 | - | - | ·11 | ·44 | - | ·01 | ·27 | ·02 | - | ·17 | ·02 | ·04 | | 23 |
| 24 | - | ·23 | ·01 | ·23 | - | ·04 | - | - | ·20 | ·09 | - | - | | 24 |
| 25 | ·02 | ·11 | - | ·18 | ·03 | - | ·14 | - | ·19 | ·17 | - | ·41 | | 25 |
| 26 | ·07 | - | ·03 | ·11 | - | ·12 | ·15 | - | ·22 | ·03 | - | ·08 | | 26 |
| 27 | - | - | - | ·06 | - | ·21 | ·37 | - | ·02 | ·28 | ·02 | ·36 | | 27 |
| 28 | - | - | - | ·03 | - | ·08 | ·13 | ·43 | ·02 | ·27 | - | ·55 | | 28 |
| 29 | - | - | - | - | - | - | ·09 | ·31 | ·41 | ·35 | - | ·08 | | 29 |
| 30 | ·09 | X | - | - | - | - | ·06 | ·03 | ·09 | ·18 | - | ·01 | | 30 |
| 31 | ·03 | X | - | X | - | X | ·36 | ·01 | X | ·09 | X | ·09 | | 31 |
| TOTAL | 3·01 | ·40 | 2·53 | 2·07 | 2·50 | 2·00 | 1·96 | 3·20 | 3·07 | 4·61 | 1·93 | 5·16 | Year's Total. 32·44 | |
| * Days with .01 in. or more. | 19 | 6 | 20 | 16 | 14 | 12 | 11 | 19 | 18 | 26 | 12 | 27 | 200 | |
| * Days with .04 in. or more. | 15 | 2 | 16 | 12 | 12 | 10 | 11 | 13 | 14 | 24 | 7 | 23 | 159 | |

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† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(Signed) Handel Kay.

[P.T.O.

## COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2838

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1935.

*Kept at* PRESTWICH.

*in the County of* Lancashire

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground - ft. 10 in.

,, Ground ,, Sea Level 150 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf.

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | ·50 | ·33 | - | ·04 | - | ·05 | ·07 | - | ·17 | ·48 | ·12 | ·27 | | 1 |
| 2 | ·01 | ·20 | ·06 | - | - | ·23 | - | - | ·18 | ·08 | ·03 | ·12 | | 2 |
| 3 | - | ·49 | ·13 | ·11 | - | ·10 | ·40 | - | ·38 | ·02 | ·08 | ·15 | | 3 |
| 4 | - | ·01 | - | - | - | ·05 | ·01 | - | ·21 | ·24 | ·01 | - | | 4 |
| 5 | - | ·41 | ·08 | ·18 | - | ·19 | - | - | ·21 | - | ·24 | ·25 | | 5 |
| 6 | - | - | - | ·05 | - | ·27 | - | - | - | - | - | - | | 6 |
| 7 | - | - | - | ·08 | - | ·25 | - | - | - | ·21 | ·34 | ·37 | | 7 |
| 8 | - | - | - | ·11 | - | - | - | - | - | ·17 | ·14 | ·32 | | 8 |
| 9 | ·02 | - | - | ·28 | - | ·07 | - | - | - | 1·45 | ·14 | - | | 9 |
| 10 | - | ·06 | - | ·04 | - | - | - | - | - | ·83 | ·16 | - | | 10 |
| 11 | ·41 | ·07 | - | - | - | ·15 | - | ·01 | - | ·26 | ·06 | - | | 11 |
| 12 | ·04 | ·14 | - | - | - | ·79 | - | - | ·03 | - | - | - | | 12 |
| 13 | ·13 | ·03 | - | ·08 | ·26 | ·03 | - | - | ·14 | ·09 | ·03 | - | | 13 |
| 14 | - | - | - | - | ·02 | ·06 | - | - | ·06 | - | 1·05 | ·32 | | 14 |
| 15 | - | ·72 | - | ·33 | ·07 | - | ·03 | - | ·21 | - | ·04 | ·39 | | 15 |
| 16 | - | ·16 | ·12 | ·22 | ·03 | ·16 | ·20 | - | ·56 | - | ·24 | - | | 16 |
| 17 | - | ·04 | - | ·20 | ·44 | ·22 | ·28 | ·10 | ·41 | ·09 | ·34 | - | | 17 |
| 18 | - | - | - | ·18 | ·13 | ·02 | ·19 | - | ·46 | ·17 | ·05 | - | | 18 |
| 19 | - | - | - | ·20 | ·10 | ·31 | ·25 | - | - | ·11 | ·22 | - | | 19 |
| 20 | - | ·51 | - | ·53 | - | ·18 | ·01 | - | - | - | - | - | | 20 |
| 21 | - | ·23 | ·02 | - | - | - | - | - | ·89 | ·83 | -3 | ·43 | | 21 |
| 22 | - | ·12 | ·01 | - | - | - | - | - | ·13 | - | - | - | | 22 |
| 23 | ·02 | - | ·82 | ·11 | - | - | - | ·28 | ·06 | ·40 | - | - | | 23 |
| 24 | ·35 | ·32 | ·06 | - | - | - | - | - | 1·34 | ·08 | - | ·13 | | 24 |
| 25 | ·11 | ·02 | ·09 | - | - | ·12 | - | - | - | - | ·05 | ·02 | | 25 |
| 26 | - | - | - | - | - | - | - | ·87 | ·42 | ·28 | ·17 | ·33 | | 26 |
| 27 | - | ·01 | - | - | - | ·07 | ·17 | ·01 | ·31 | ·67 | ·43 | ·06 | | 27 |
| 28 | ·03 | ·08 | - | - | ·02 | - | - | ·30 | ·11 | ·40 | ·07 | - | | 28 |
| 29 | - | - | ·03 | - | - | - | - | ·07 | ·34 | ·21 | ·13 | ·09 | | 29 |
| 30 | ·08 | X | - | - | - | ·20 | - | ·13 | ·13 | ·35 | ·61 | ·09 | | 30 |
| 31 | ·06 | X | - | X | - | X | - | - | X | ·21 | X | ·30 | | 31 |
| TOTAL | 1·76 | 3·95 | 1·42 | 2·74 | 1·07 | 3·52 | 1·61 | 1·77 | 6·75 | 6·93 | 4·75 | 3·64 | Year's Total. 39·91 | |
| * Days with .01 in. or more. | 12 | 19 | 10 | 16 | 8 | 20 | 10 | 8 | 21 | 22 | 23 | 16 | 185 | |
| * Days with .04 in. or more. | 7 | 15 | 7 | 16 | 5 | 18 | 7 | 6 | 20 | 21 | 20 | 15 | 157 | |

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† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(Signed) Handel Kay

[P.T.O.

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Section **A** for the entry of Daily Observations. Station No. 2838

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1936.

*Kept at* Prestwich

*in the County of* Lancashire

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground - ft 10 in.

,, Ground ,, Sea Level 150 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | - | ·06 | ·03 | ·19 | - | ·01 | - | ·42 | ·09 | - | ·22 | ·20 | | 1 |
| 2 | ·03 | ·02 | - | ·10 | - | ·35 | - | ·24 | ·02 | - | ·05 | ·18 | | 2 |
| 3 | ·02 | - | - | - | - | ·11 | ·04 | ·14 | 1·34 | - | - | ·07 | | 3 |
| 4 | ·22 | ·27 | ·27 | - | - | - | - | ·02 | ·28 | - | ·24 | ·22 | | 4 |
| 5 | ·04 | ·07 | ·30 | - | - | ·02 | - | ·37 | ·14 | - | - | ·35 | | 5 |
| 6 | ·02 | - | - | - | - | ·02 | ·05 | ·30 | ·83 | - | ·09 | - | | 6 |
| 7 | - | - | ·08 | - | - | - | ·06 | - | ·76 | - | ·14 | ·38 | | 7 |
| 8 | ·18 | - | ·21 | - | t | - | ·19 | - | - | - | ·55 | ·13 | | 8 |
| 9 | ·24 | - | ·01 | - | - | - | ·14 | - | ·08 | - | ·75 | - | | 9 |
| 10 | ·04 | - | - | - | - | - | ·30 | - | - | - | ·68 | ·01 | | 10 |
| 11 | - | - | - | ·02 | - | ·13 | ·35 | ·05 | ·04 | - | ·41 | - | | 11 |
| 12 | - | - | - | ·06 | ·07 | ·75 | - | - | ·41 | ·06 | ·09 | ·01 | | 12 |
| 13 | - | - | - | ·03 | - | - | ·05 | - | - | ·26 | ·01 | ·26 | | 13 |
| 14 | - | - | - | ·03 | - | ·29 | ·02 | ·09 | ·46 | ·14 | ·23 | ·55 | | 14 |
| 15 | ·27 | - | - | ·09 | ·10 | ·07 | ·04 | ·03 | ·11 | - | ·43 | ·06 | | 15 |
| 16 | ·03 | ·13 | ·01 | ·16 | - | - | ·05 | - | - | ·02 | ·76 | - | | 16 |
| 17 | ·11 | ·32 | - | - | - | - | ·08 | ·11 | - | ·47 | ·03 | ·11 | | 17 |
| 18 | - | ·02 | - | ·06 | - | ·09 | ·27 | ·15 | - | ·66 | - | - | | 18 |
| 19 | ·16 | ·16 | ·02 | ·22 | - | ·11 | ·37 | ·33 | - | ·09 | - | - | | 19 |
| 20 | ·40 | ·08 | ·02 | - | - | - | ·03 | - | - | ·02 | - | - | | 20 |
| 21 | ·22 | - | - | ·06 | - | ·14 | - | - | - | ·05 | - | ·01 | | 21 |
| 22 | ·10 | ·17 | ·05 | - | - | ·41 | ·34 | - | - | - | - | ·06 | | 22 |
| 23 | - | - | ·16 | ·19 | - | - | ·48 | - | - | ·06 | - | - | | 23 |
| 24 | ·10 | ·01 | - | ·06 | ·08 | - | - | - | ·19 | ·62 | - | ·02 | | 24 |
| 25 | ·41 | - | - | ·03 | - | - | ·10 | - | ·51 | ·15 | ·04 | ·05 | | 25 |
| 26 | ·02 | ·17 | ·02 | - | - | - | ·01 | - | ·14 | ·62 | - | - | | 26 |
| 27 | ·85 | ·03 | - | - | - | - | - | - | ·02 | ·42 | - | - | | 27 |
| 28 | ·12 | ·18 | ·18 | - | - | ·05 | ·15 | - | - | - | - | ·10 | | 28 |
| 29 | ·17 | ·23 | ·52 | - | ·14 | ·66 | ·01 | - | - | ·12 | ·21 | ·14 | | 29 |
| 30 | ·27 | × | - | - | ·40 | ·01 | ·47 | - | - | ·41 | ·17 | ·04 | | 30 |
| 31 | ·10 | × | ·04 | × | ·01 | × | ·08 | ·01 | × | - | × | ·23 | | 31 |
| TOTAL | 4·12 | 1·92 | 1·92 | 1·30 | ·80 | 3·22 | 3·68 | 2·26 | 5·42 | 4·17 | 5·10 | 3·18 | Year's Total. 37·09 | ✓ |
| * Days with .01 in. or more. | 23 | 15 | 15 | 14 | 6 | 16 | 23 | 13 | 16 | 16 | 18 | 21 | 196 | ✓ |
| * Days with .04 in. or more. | 18 | 11 | 9 | 10 | 5 | 12 | 19 | 10 | 14 | 14 | 16 | 17 | 155 | ✓ |

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* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) W. Diamand.

[P.T.O.

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Section **A** for the entry of Daily Observations. Station No. 2838

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1937.

*Kept at* Prestwich

*in the County of* Lancashire

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground ft 10 in.

,, Ground ,, Sea Level 150 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following ✓

**Please read the Notes and Instructions Overleaf.**

| *Date* | **Jan.** | **Feb.** | **Mar.** | **April** | **May** | **June** | **July** | **Aug.** | **Sept.** | **Oct.** | **Nov.** | **Dec.** | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | .03 | .22 | .05 | - | - | - | .01 | - | .33 | .01 | - | .25 | | 1 |
| 2 | .08 | .20 | .12 | .18 | - | .01 | .01 | - | .01 | - | - | - | | 2 |
| 3 | - | .10 | .06 | .09 | .15 | .62 | .10 | - | - | - | - | - | | 3 |
| 4 | .22 | - | .03 | .08 | .15 | - | .02 | .01 | - | - | - | .64 | | 4 |
| 5 | 1.13 | - | - | .02 | .06 | .02 | - | - | - | - | - | .07 | | 5 |
| 6 | .10 | - | - | .13 | .12 | - | - | .33 | - | .02 | .01 | .02 | | 6 |
| 7 | .01 | .13 | - | .41 | .08 | .06 | - | - | .08 | - | - | .02 | | 7 |
| 8 | - | .64 | - | .05 | - | .08 | .25 | - | - | - | .05 | .02 | | 8 |
| 9 | .01 | .24 | - | .05 | .21 | .01 | .49 | .23 | - | - | - | - | | 9 |
| 10 | .01 | .24 | - | - | - | .11 | .04 | .05 | - | - | - | .37 | | 10 |
| 11 | - | .04 | .12 | - | .25 | - | .01 | - | - | - | - | .03 | | 11 |
| 12 | .03 | .39 | .03 | - | .02 | .13 | .03 | - | .33 | - | - | .16 | | 12 |
| 13 | - | .20 | .01 | - | - | .24 | - | .41 | .01 | - | - | .18 | | 13 |
| 14 | - | .03 | .07 | - | - | - | - | .39 | .05 | - | .04 | .15 | | 14 |
| 15 | .21 | .25 | - | .34 | - | - | .51 | - | .17 | - | - | .02 | | 15 |
| 16 | .06 | .48 | .15 | .28 | .04 | - | - | .11 | .09 | - | - | - | | 16 |
| 17 | .05 | .07 | .30 | .10 | .10 | .03 | - | - | .03 | - | - | - | | 17 |
| 18 | .35 | .30 | .13 | .12 | - | - | - | .24 | .02 | - | .50 | - | | 18 |
| 19 | .10 | .28 | .08 | .17 | - | .01 | .08 | .04 | - | - | .65 | - | | 19 |
| 20 | .10 | .09 | - | .19 | .28 | - | .09 | - | - | - | - | .31 | | 20 |
| 21 | - | .13 | .06 | .18 | - | - | .24 | - | - | .09 | - | .09 | | 21 |
| 22 | .04 | .14 | .09 | .01 | .02 | - | .07 | - | - | .38 | .25 | .17 | | 22 |
| 23 | .16 | - | .01 | - | .47 | - | .13 | - | - | .30 | .18 | - | | 23 |
| 24 | .12 | .25 | .11 | - | .05 | - | .13 | - | .15 | .24 | - | .06 | | 24 |
| 25 | - | .40 | - | - | - | - | .01 | .09 | .02 | .03 | - | .10 | | 25 |
| 26 | - | .28 | .08 | - | .42 | - | - | .02 | - | - | - | .02 | | 26 |
| 27 | - | .41 | .02 | .16 | - | - | - | - | - | .37 | - | .01 | | 27 |
| 28 | - | .33 | - | - | - | .01 | - | - | - | .18 | - | - | | 28 |
| 29 | - | - | - | - | - | .05 | - | - | - | .04 | .11 | - | | 29 |
| 30 | .11 | × | - | - | - | .39 | - | .13 | - | .10 | .58 | .01 | | 30 |
| 31 | .32 | × | - | × | - | × | - | .06 | × | .20 | × | - | | 31 |
| TOTAL | 3.24 | 5.84 | 1.52 | 2.56 | 2.42 | 1.77 | 2.22 | 2.11 | 1.29 | 1.96 | 2.37 | 2.70 | Year's Total.<br>30.00 | ✓ |
| * Days with .01 in. or more. | 20 | 24 | 18 | 17 | 15 | 14 | 17 | 13 | 12 | 12 | 9 | 20 | 191 | ✓ |
| * Days with .04 in. or more. | 15 | 23 | 13 | 15 | 13 | 8 | 11 | 11 | 7 | 9 | 8 | 12 | 145 | ✓ |

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* See Instruction 2 (f) on other side.

† Spare column, no entries required

(*Signed*) H Ashton [P.T.O.

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Section **A** for the entry of Daily Observations. Station No 2838

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1938.

*Kept at* Prestwich

*in the County of* Lancashire

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground ft 10 in.

,, Ground ,, Sea Level 150 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | - | .03 | - | .03 | - | .76 | - | .05 | - | .13 | .26 | .37 | | 1 |
| 2 | .02 | .02 | - | .29 | - | .28 | - | .0 | - | .63 | .02 | .22 | | 2 |
| 3 | .01 | - | - | .03 | - | .03 | .12 | - | .21 | .96 | .18 | .03 | | 3 |
| 4 | .02 | - | - | .09 | - | .02 | .14 | .08 | - | .20 | .07 | .81 | | 4 |
| 5 | .04 | - | - | .02 | - | .11 | .02 | .03 | .12 | .81 | - | .04 | | 5 |
| 6 | .19 | - | - | - | - | .05 | .34 | - | .61 | .24 | - | .01 | | 6 |
| 7 | .28 | .03 | - | - | - | - | .49 | .05 | .21 | .22 | - | - | | 7 |
| 8 | .61 | .01 | - | - | - | - | .20 | .04 | - | .68 | - | .27 | | 8 |
| 9 | .05 | .35 | .12 | - | - | .34 | .15 | .03 | - | .21 | - | .23 | | 9 |
| 10 | .02 | .07 | .01 | - | - | - | .62 | - | .01 | .42 | - | .07 | | 10 |
| 11 | .21 | .10 | - | - | .06 | .01 | .14 | 1.00 | .02 | .21 | .08 | .05 | | 11 |
| 12 | .10 | - | - | - | .17 | - | - | .06 | - | 1.18 | .28 | - | | 12 |
| 13 | .02 | .04 | - | - | - | - | .05 | - | .09 | .21 | .19 | .28 | | 13 |
| 14 | .22 | .02 | - | - | .09 | - | .14 | - | .07 | - | - | .01 | | 14 |
| 15 | .25 | - | - | - | .02 | - | .35 | .31 | - | .08 | - | .13 | | 15 |
| 16 | .39 | - | .02 | - | .13 | - | .20 | .05 | - | .05 | .14 | .11 | | 16 |
| 17 | - | - | - | - | .52 | - | .10 | .23 | .10 | .42 | .04 | .04 | | 17 |
| 18 | .04 | - | - | - | .17 | .24 | - | .40 | .10 | .36 | .21 | - | | 18 |
| 19 | - | - | - | - | - | - | - | - | .05 | - | - | - | | 19 |
| 20 | .24 | - | - | - | - | - | - | .18 | .05 | - | .41 | .03 | | 20 |
| 21 | - | - | .02 | - | - | - | - | .02 | .02 | - | .05 | - | | 21 |
| 22 | - | - | - | .02 | - | .28 | - | - | - | - | .30 | .02 | | 22 |
| 23 | - | - | - | - | .09 | .22 | - | - | .06 | - | .47 | - | | 23 |
| 24 | .23 | .12 | .18 | - | .04 | .05 | .01 | .49 | .02 | .02 | .14 | - | | 24 |
| 25 | .04 | .33 | .14 | - | .03 | .05 | .13 | - | - | .53 | .64 | .01 | | 25 |
| 26 | .18 | .28 | .27 | - | .07 | .07 | - | - | .06 | .29 | .10 | .10 | | 26 |
| 27 | .42 | .10 | - | - | .33 | .30 | .09 | .26 | .04 | - | .33 | - | | 27 |
| 28 | .20 | .04 | .11 | - | .07 | .70 | .13 | .17 | .07 | .04 | .01 | .13 | | 28 |
| 29 | .20 | - | .14 | - | 1.28 | .15 | .18 | - | - | .11 | .06 | .45 | | 29 |
| 30 | .30 | X | - | - | .07 | .05 | .01 | - | .43 | - | .11 | .04 | | 30 |
| 31 | .23 | X | .04 | X | .40 | X | - | - | X | .43 | X | 1.03 | | 31 |
| TOTAL | 4.51 | 1.54 | 1.05 | .48 | 3.54 | 3.71 | 3.61 | 3.45 | 2.34 | 8.43 | 4.09 | 4.48 | Year's Total. 41.23 | ✓ |
| * Days with .01 in. or more. | 25 | 14 | 10 | 6 | 16 | 18 | 20 | 17 | 19 | 23 | 21 | 23 | 212 | ✓ |
| * Days with .04 in. or more. | 20 | 9 | 7 | 2 | 14 | 15 | 17 | 14 | 15 | 22 | 19 | 17 | 171 | ✓ |

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* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*)

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Section **A** for the entry of Daily Observations. **Station No.** 2838

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1939.

*Kept at* Prestwich

*in the County of* Lancashire

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground ft. 10 in.

,, Ground ,, Sea Level 150 ft.

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*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | .22 | - | .04 | .29 | - | - | .04 | .02 | - | - | - | .17 | | 1 |
| 2 | .05 | - | - | .21 | - | - | .28 | .31 | .60 | - | .04 | .09 | | 2 |
| 3 | .10 | - | - | .18 | - | - | - | .06 | - | - | .06 | .92 | | 3 |
| 4 | .12 | - | .03 | .27 | .04 | - | .34 | - | - | .01 | .04 | 1.24 | | 4 |
| 5 | - | .02 | - | .02 | .41 | - | .24 | .10 | - | .17 | .27 | .02 | | 5 |
| 6 | .88 | .23 | - | - | - | - | .44 | .01 | - | - | .05 | - | | 6 |
| 7 | .13 | .17 | .06 | - | - | - | .24 | - | - | - | .05 | .54 | | 7 |
| 8 | .30 | .10 | .24 | .03 | - | - | .58 | .17 | - | .14 | .12 | .27 | | 8 |
| 9 | .18 | .38 | - | - | - | - | .01 | .48 | - | .37 | .01 | .45 | | 9 |
| 10 | .10 | .04 | .02 | - | - | .13 | - | .39 | .28 | .13 | .03 | .07 | | 10 |
| 11 | .35 | .15 | .15 | - | - | .25 | - | - | - | .02 | .01 | - | | 11 |
| 12 | .47 | .09 | - | - | - | .01 | - | - | - | - | - | - | | 12 |
| 13 | - | - | - | .31 | .12 | .18 | .02 | - | .04 | .01 | - | - | | 13 |
| 14 | .55 | - | - | - | .55 | .39 | .21 | - | - | - | .23 | - | | 14 |
| 15 | .16 | .04 | - | .73 | .02 | 1.10 | .15 | - | - | - | .07 | - | | 15 |
| 16 | .07 | - | .03 | - | .25 | - | .28 | - | - | .05 | .14 | - | | 16 |
| 17 | .74 | .26 | - | .02 | .09 | .04 | - | - | - | .19 | .08 | - | | 17 |
| 18 | .10 | .22 | .02 | - | - | .20 | .17 | - | - | - | .85 | - | | 18 |
| 19 | .24 | - | - | - | - | - | .19 | - | - | - | - | - | | 19 |
| 20 | .03 | - | .03 | - | - | .19 | .59 | .25 | - | - | - | - | | 20 |
| 21 | .11 | .08 | .45 | .19 | .15 | - | .02 | .09 | .03 | - | - | - | | 21 |
| 22 | .06 | .25 | .17 | .22 | - | - | .05 | - | - | .02 | .63 | - | | 22 |
| 23 | - | .52 | .01 | .31 | - | .02 | .11 | - | - | .30 | .18 | - | | 23 |
| 24 | - | .12 | - | .04 | - | .02 | .08 | - | - | .05 | .04 | - | | 24 |
| 25 | .23 | .13 | - | .01 | - | - | - | - | - | - | .98 | - | | 25 |
| 26 | - | .08 | .02 | - | - | - | - | .27 | - | .07 | .30 | .03 | | 26 |
| 27 | .04 | 1.47 | .05 | - | - | .44 | .07 | .08 | - | - | .31 | - | | 27 |
| 28 | .01 | .11 | .18 | - | - | .07 | .58 | - | - | - | .76 | - | | 28 |
| 29 | - | - | .02 | - | - | - | 1.19 | - | - | .10 | .14 | - | | 29 |
| 30 | - | X | - | .03 | - | .02 | .16 | - | - | - | .24 | - | | 30 |
| 31 | - | X | - | X | - | X | .09 | - | X | - | X | | | 31 |
| TOTAL | 5.24 | 4.46 | 1.52 | 2.86 | 1.63 | 3.06 | 6.16 | 2.23 | .95 | 1.63 | 5.63 | 3.83 | Year's Total.<br>39.20 | |
| * Days with .01 in. or more. | 23 | 19 | 16 | 15 | 8 | 14 | 24 | 12 | 4 | 14 | 24 | 10 | 183 | |
| * Days with .04 in. or more. | 21 | 18 | 8 | 10 | 7 | 10 | 21 | 10 | 3 | 10 | 21 | 8 | 147 | |

40-9999

† Spare column, no entries required.

*(Signed)* TOWN CLERK. P.T.O.

* See Instruction 2 (f) on other side.

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Section **A** for the entry of Daily Observations.

Station No. 2838

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1940.

*Kept at* Prestwich

*in the County of* Lancashire

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground ft. 10 in.

,, Ground ,, Sea Level 150 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | - | .01 | - | .19 | - | - | - | - | - | - | .30 | .20 | | 1 |
| 2 | - | - | - | .21 | - | - | .05 | - | - | - | .30 | .24 | | 2 |
| 3 | - | .06 | - | .19 | - | - | .49 | - | - | .11 | .04 | .25 | | 3 |
| 4 | - | .30 | - | .04 | - | - | .03 | - | - | .18 | .25 | .23 | | 4 |
| 5 | - | - | - | - | .17 | - | .12 | - | - | .38 | .02 | .40 | | 5 |
| 6 | .07 | .23 | - | - | - | - | .01 | .15 | - | .50 | .08 | .26 | | 6 |
| 7 | .04 | .14 | - | .20 | .5 | - | .03 | .03 | .08 | .01 | - | - | | 7 |
| 8 | .01 | - | .02 | .03 | - | - | .01 | .29 | - | .18 | .01 | .34 | | 8 |
| 9 | - | - | .26 | - | - | - | .94 | .23 | .35 | .36 | 1.37 | .25 | | 9 |
| 10 | - | - | .01 | - | - | - | .41 | - | .02 | .10 | .40 | .40 | | 10 |
| 11 | - | - | .09 | - | - | .04 | .01 | .05 | - | - | 1.36 | - | | 11 |
| 12 | - | - | .42 | - | - | - | .10 | .04 | .49 | - | .48 | - | | 12 |
| 13 | - | - | .27 | - | - | - | - | .12 | .30 | - | .02 | - | | 13 |
| 14 | - | - | - | .18 | .15 | - | .07 | - | .10 | - | .12 | .39 | | 14 |
| 15 | - | - | .02 | .15 | .05 | - | .27 | - | 1.26 | - | .05 | .03 | | 15 |
| 16 | - | - | .20 | .10 | - | - | - | - | .14 | .50 | .09 | .09 | | 16 |
| 17 | - | - | .64 | .04 | .32 | - | .58 | - | .20 | - | .53 | .04 | | 17 |
| 18 | - | .18 | .16 | .25 | - | - | .02 | .30 | .24 | - | - | .23 | | 18 |
| 19 | - | .26 | .18 | - | - | - | .36 | - | .05 | - | .20 | - | | 19 |
| 20 | - | - | - | .20 | - | - | .40 | .31 | .13 | .18 | .16 | - | | 20 |
| 21 | - | - | .16 | - | - | .44 | .05 | .02 | .08 | .03 | .68 | - | | 21 |
| 22 | - | .05 | .15 | - | .26 | .09 | - | .05 | .48 | - | - | - | | 22 |
| 23 | - | .22 | .20 | .17 | .10 | - | .09 | - | .10 | - | .17 | | | 23 |
| 24 | .29 | - | .20 | - | - | - | - | - | .06 | - | - | .01 | | 24 |
| 25 | .01 | - | - | - | .01 | .03 | - | - | - | - | - | - | | 25 |
| 26 | .32 | .09 | - | - | .03 | .06 | .16 | - | - | - | .04 | - | | 26 |
| 27 | .40 | .46 | - | .14 | - | - | .45 | - | - | - | .07 | - | | 27 |
| 28 | .31 | .18 | - | - | .20 | - | - | .06 | - | - | - | .5 | | 28 |
| 29 | - | - | .25 | - | - | .30 | .02 | - | - | .03 | - | .57 | | 29 |
| 30 | - | × | - | - | - | - | - | - | - | .30 | - | .84 | | 30 |
| 31 | .17 | × | .13 | × | .2 | × | - | .05 | × | .75 | × | | | 31 |
| TOTAL | 1.62 | 2.18 | 3.36 | 2.09 | 1.36 | .96 | 4.67 | 1.70 | 4.08 | 3.61 | 6.74 | 4.67 | Year's Total. 37.04 | |
| * Days with .01 in. or more. | 9 | 12 | 17 | 14 | 11 | 6 | 28 | 13 | 16 | 14 | 22 | 18 | 174 | |
| * Days with .04 in. or more. | 7 | 11 | 14 | 13 | 9 | 5 | 15 | 11 | 15 | 11 | 19 | 16 | 146 | |

40-9999

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) Town Clerk

[P.T.O.

2839

2839

PRESTWICH RESERVOIR

1931—33

780501

FORM 1090. **B** Mo
Su

*** The following register of month
&c., is NOT required if daily o
values are given on the other si

nd also the space for

ister should be sent:—

## RAINFALL IN 1931.

At Prestwich Reservo

In the County of S. Lancs

Rain Gauge
Diameter of Funnel 5
*Height of Top above Ground* 1 *ft.*
*Height of Ground above Sea Level* 3

in Summer

Direction from gauge

Direction from gauge

Directions from gauge ..

| Month. | Total Depth. | Greatest Fall in 24 hours. | | N D ·or or |
|---|---|---|---|---|
| | Inches. | Inches. | Date. | |
| JAN. | 4·78 | | | |
| FEB. | 4·49 | | | |
| MAR. | ·42 | | | |
| APRIL | 3·38 | | | |
| MAY | 2·71 | | | |
| JUNE | 5·08 | | | |
| JULY | 5·75 | | | |
| AUG. | 6·23 | | | |
| SEPT. | 3·05 | | | |
| OCT. | 2·11 | | | |
| NOV. | 6·56 | | | |
| DEC. | 1·875 | | | |
| Total | 46·435 | | | |

*Signature* Manchester Corp WW.

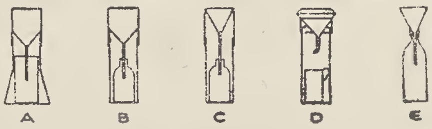
*See Instruction 2 (*f*) below.

**If gauge has been moved during the year state—**

Date of move............ Distance............ Direction............

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



**If you know of any record of rainfall** not quoted in **British Rainfall**, please give the observer's name and address:—

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Readings taken from a non-check gauge, consider as continuation record.

X footnote new gauge on [illegible].

## D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.* 9 *a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{r}17\\18\end{array}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(325) Wt.26154/1775/2214 15,000 2/31. Gp. 119/110.

2839

FORM 1090. **B** Monthly Summary. **C** Particulars of Station.

Chap 1930

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

## RAINFALL IN 1931

At Prestwich Reservoirs (~~new gauge~~ old site)

In the County of S. Lancs

Rain Gauge
Diameter of Funnel 5 in.
*Height of Top above Ground* 1 *ft.* – *in.*
*Height of Ground above Sea Level* 357 *ft.*

| Month. | Total Depth. | Greatest Fall in 24 hours. | | Number of Days with | |
|---|---|---|---|---|---|
| | | | | ·01 in or more | ·04 in. or more |
| | Inches. | Inches. | Date. | * | * |
| JAN. | 4.78 | | | | |
| FEB. | 4.49 | | | | |
| MAR. | .42 | | | | |
| APRIL | 3.38 | | | | |
| MAY | 2.71 | | | | |
| JUNE | 5.08 | | | | |
| JULY | 5.75 | | | | |
| AUG. | 6.23 | | | | |
| SEPT. | 3.05 | | | | |
| OCT. | 2.11 | | | | |
| NOV. | 6.56 | | | | |
| DEC. | 1.875 | | | | |
| Total | 46.435 | | | | |

*Signature* Manchester Corp WW.

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter ........ in Summer ........

Nearest Railway Station ........ Distance ........ Direction from gauge ........

Nearest Parish Church at ........ Distance ........ Direction from gauge ........

| | | | | |
|---|---|---|---|---|
| Nature of objects nearest to gauge | | | | |
| Heights of objects | | | | |
| Distances .. | | | | |
| Directions from gauge .. | | | | |

**If gauge has been moved during the year state—**

Date of move ........ Distance ........ Direction ........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

**If you know of any record of rainfall** not quoted in **British Rainfall**, please give the observer's name and address:—

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Readings taken from a new check gauge, consider as continuous record.

X footnote new gauge on old site.

## **D** INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

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(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

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(325) Wt.26154/1775/2214 15,000 2/31. Gp. 119/110.

FORM 1090. **B** Monthly Summary. **C** Particulars of Station.

2839

## B Monthly Summary.

*** **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

Longdendale & Service Reservoirs

**RAINFALL IN 1932**

At Prestwich Reservoirs

In the County of Lancs

Rain Gauge
Diameter of Funnel ............ in.
*Height of Top above Ground* ........ *ft.* ........ *in.*
*Height of Ground above Sea Level* 357 *ft.*

| Month. | Total Depth. | Greatest Fall in 24 hours. | | Number of Days with | |
|---|---|---|---|---|---|
| | | | | ·01 in or more | ·04 in. or more |
| | Inches. | Inches. | Date. | * | * |
| JAN. | 4·05 | | | | |
| FEB. | ·05 | | | | |
| MAR. | 2·50 | | | | |
| APRIL | 3·015 | | | | |
| MAY | 4·50 | | | | |
| JUNE | ·88 | | | | |
| JULY | 4·37 | | | | |
| AUG. | 1·15 | | | | |
| SEPT. | 4·17 | | | | |
| OCT. | 7·795 | | | | |
| NOV. | 2·82 | | | | |
| DEC. | 1·51 | | | | |
| Total | 36·81 | | | | |

*Signature* Manchester Corp t, W.W

*See Instruction 2 (*f*) below.

## C Particulars of Station.

**Every observer is requested to fill in this section and also the space for notes as far as possible:—**

Name and Address to which any inquiry relating to this register should be sent:—

Copy by B.R.O.

Hour of observation by the clock—in Winter ............ in Summer ............

Nearest Railway Station ............ Distance ............ Direction from gauge ............

Nearest Parish Church at ............ Distance ............ Direction from gauge ............

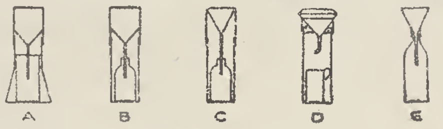
| | | | | |
|---|---|---|---|---|
| Nature of objects nearest to gauge | | | | |
| Heights of objects | | | | |
| Distances .. | | | | |
| Directions from gauge .. | | | | |

**If gauge has been moved during the year state—**

Date of move ............ Distance ............ Direction ............

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



**If you know of any record of rainfall** not quoted in **British Rainfall**, please give the observer's name and address:—

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

## D INSTRUCTIONS.

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(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

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(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{c}17\\18\end{array}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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2839

FORM 1090.

## B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

### RAINFALL IN 1933.

At Prestwich Reservoir

In the County of S. Lancashire

Rain Gauge
Diameter of Funnel 5 in.
*Height of Top above Ground* ~~1 ft. 0~~ *in.*
*Height of Ground above Sea Level* 357 *ft.*

| Month. | Total Depth. | Greatest Fall in 24 hours. |  | Number of Days with ·01 in. or more | Number of Days with ·04 in. or more |
|---|---|---|---|---|---|
|  | Inches | Inches | Date. | * | * |
| JAN. | 2·225 |  |  |  |  |
| FEB. | 2·95 |  |  |  |  |
| MAR. | 2·92 |  |  |  |  |
| APRIL | 1·355 |  |  |  |  |
| MAY | 1·525 |  |  |  |  |
| JUNE | 2·145 |  |  |  |  |
| JULY | 3·07 |  |  |  |  |
| AUG. | 1·38 |  |  |  |  |
| SEPT. | 1·725 |  |  |  |  |
| OCT. | 4·56 |  |  |  |  |
| NOV. | 1·435 |  |  |  |  |
| DEC. | ·54 |  |  |  |  |
| Total | 25·83 |  |  |  |  |

*Signature* Manchester Corpn. W.W.

*See Instruction 2 (*f*) below.

## C Particulars of Station.

**Every observer is requested to fill in this section and also the space for notes as far as possible:—**

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter ......... in Summer .........

Nearest Railway Station ......... Distance ......... Direction from gauge .........

Nearest Parish Church at ......... Distance ......... Direction from gauge .........

| | | | | |
|---|---|---|---|---|
| Nature of objects nearest to gauge |  |  |  |  |
| Heights of objects |  |  |  |  |
| Distances .. |  |  |  |  |
| Directions from gauge .. |  |  |  |  |

**If gauge has been moved during the year state—**

Date of move ......... Distance ......... Direction .........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.

**If you know of any record of rainfall** not quoted in **British Rainfall**, please give the observer's name and address:—

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Copy by [illegible]

## D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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D

2839/1

FORM 1090. **B**

—

2839/1

PRESTWICH RESERVOIR NEW GAUGE

1931 — 40

780501

***** The following register of mo
&c., is NOT required if daily
values are given on the other**

and also the space for

register should be sent:—

in Summer

Direction from gauge

Direction from gauge

## RAINFALL IN 193

At Prestwich (new Reservoir

In the County of S Lanc

Rain Gauge
Diameter of Funnel
*Height of Top above Ground* 1 *ft*
*Height of Ground above Sea Level*

| Month. | Total Depth. | Greatest Fall in 24 hours. | |
|---|---|---|---|
| | Inches. | Inches. | Date. |
| JAN. | 5.00 | | |
| FEB. | 5.11 | | |
| MAR. | ·47 | | |
| APRIL | 3.58 | | |
| MAY | 2.93 | | |
| JUNE | 5.51 | | |
| JULY | 6.02 | | |
| AUG. | 6.47 | | |
| SEPT. | 3.16 | | |
| OCT. | 2.27 | | |
| NOV. | 7.13 | | |
| DEC. | 2.095 | | |
| Total | 49.745 | | |

Directions from gauge ..

**If gauge has been moved during the year state—**

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

**If you know of any record of rainfall** not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

"~~Readings taken from a new check~~ gauge"

~~[illegible]~~

*Signature*

X Manchester Corporation W W ~~[illegible] new gauge on old site~~ X

*See Instruction 2 (*f*) below.

## D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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N.

FORM 1090. **B** Summary. Particulars of Station.

2839/1

** **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

## RAINFALL IN 1931

At Prestwich Reservoir (new g. new site)

In the County of S. Lancs

Rain Gauge
Diameter of Funnel 5 in.
*Height of Top above Ground* 1 *ft.* 0 *in.*
*Height of Ground above Sea Level* 357 *ft.*

| Month. | Total Depth. | Greatest Fall in 24 hours. | | Number of Days with ·01 in or more | Number of Days with ·04 in. or more |
|---|---|---|---|---|---|
| | Inches. | Inches. | Date. | * | * |
| JAN. | 5.00 | | | | |
| FEB. | 5.11 | | | | |
| MAR. | .47 | | | | |
| APRIL | 3.58 | | | | |
| MAY | 2.93 | | | | |
| JUNE | 5.51 | | | | |
| JULY | 6.02 | | | | |
| AUG. | 6.47 | | | | |
| SEPT. | 3.16 | | | | |
| OCT. | 2.27 | | | | |
| NOV. | 7.13 | | | | |
| DEC. | 2.095 | | | | |
| Total | 49.745 | | | | |

*Signature*

Manchester Corporation W.W. ~~of future [illegible] on old site~~

*See Instruction 2 (*f*) below.

**Every observer is requested to fill in this section and also the space for notes as far as possible:—**

Name and Address to which any inquiry relating to this register should be sent:—

old site 357'

Hour of observation by the clock—in Winter ........ in Summer ........

Nearest Railway Station ........ Distance ........ Direction from gauge ........

Nearest Parish Church at ........ Distance ........ Direction from gauge ........

| | | | | |
|---|---|---|---|---|
| Nature of objects nearest to gauge | | | | |
| Heights of objects | | | | |
| Distances .. | | | | |
| Directions from gauge .. | | | | |

**If gauge has been moved during the year state—**

Date of move ........ Distance ........ Direction ........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

**If you know of any record of rainfall** not quoted in **British Rainfall**, please give the observer's name and address:—

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

~~"Readings taken from a new check gauge"~~

~~[illegible]~~

## D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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FORM 1090. 2839/1

## B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

Service Reservoirs

## RAINFALL IN 1932

At Prestwich No. 2

In the County of Lancs.

Rain Gauge
Diameter of Funnel ........ in.
*Height of Top above Ground* ........ *ft.* ........ *in.*
*Height of Ground above Sea Level* ........ *ft.*

| Month. | Total Depth. | Greatest Fall in 24 hours. | | Number of Days with | |
|---|---|---|---|---|---|
| | | | | ·01 in or more | ·04 in. or more |
| | Inches. | Inches. | Date. | * | * |
| JAN. | 4·35 | | | | |
| FEB. | ·05 | | | | |
| MAR. | 2·73 | | | | |
| APRIL | 3·315 | | | | |
| MAY | 4·67 | | | | |
| JUNE | ·985 | | | | |
| JULY | 4·74 | | | | |
| AUG. | 1·19 | | | | |
| SEPT. | 4·48 | | | | |
| OCT. | 8·215 | | | | |
| NOV. | 2·98 | | | | |
| DEC. | 1·73 | | | | |
| Total | 39·435 | | | | |

*Signature* Manchester Corpt, W.W

*See Instruction 2 (*f*) below.

## C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Copy by B.R.O.

Hour of observation by the clock—in Winter ........ in Summer ........

Nearest Railway Station ........ Distance ........ Direction from gauge ........

Nearest Parish Church at ........ Distance ........ Direction from gauge ........

| | | | | |
|---|---|---|---|---|
| Nature of objects nearest to gauge | | | | |
| Heights of objects | | | | |
| Distances .. | | | | |
| Directions from gauge .. | | | | |

**If gauge has been moved during the year state—**

Date of move ........ Distance ........ Direction ........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

## D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

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(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02, *or* 0·3.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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2839/1

FORM 1090.

## B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

### RAINFALL IN 1933.

new g. new site

At Prestwich Res. No 2.

In the County of S. Lancashire

Rain Gauge
- Diameter of Funnel ………… in.
- *Height of Top above Ground* ………… *ft* ………… *in.*
- *Height of Ground above Sea Level* ………… *ft.*

| Month. | Total Depth. | Greatest Fall in 24 hours. | | Number of Days with | |
|---|---|---|---|---|---|
| | | | | ·01 in. or more | ·04 in. or more |
| | Inches | Inches | Date. | * | * |
| JAN. | 2·625 | | | | |
| FEB. | 3·34 | | | | |
| MAR. | 3·16 | | | | |
| APRIL | 1·585 | | | | |
| MAY | 1·635 | | | | |
| JUNE | 2·365 | | | | |
| JULY | 3·37 | | | | |
| AUG. | 1·55 | | | | |
| SEPT. | 1·775 | | | | |
| OCT. | 4·95 | | | | |
| NOV. | 1·605 | | | | |
| DEC. | ·60 | | | | |
| Total | 28·56 | | | | |

*Signature* Manchester Corpn. W.W.

Copy by B.R.O.

*See Instruction 2 (*f*) below.

## C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter ………… in Summer …………

Nearest Railway Station ………… Distance ………… Direction from gauge …………

Nearest Parish Church at ………… Distance ………… Direction from gauge …………

| | | | | |
|---|---|---|---|---|
| Nature of objects nearest to gauge | | | | |
| Heights of objects | | | | |
| Distances .. | | | | |
| Directions from gauge .. | | | | |

**If gauge has been moved during the year state—**

Date of move ………… Distance ………… Direction …………

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

**If you know of any record of rainfall** not quoted in **British Rainfall**, please give the observer's name and address:—

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

## D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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2839/11
~~2839/9~~

FORM 1090.

## B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

## RAINFALL IN 1934

At Prestwick Reservoirs

In the County of Lancashire

Rain Gauge
Diameter of Funnel 5 in.
*Height of Top above Ground* 1 *ft.* 0 *in.*
*Height of Ground above Sea Level* 354 *ft.*

| Month. | Total Depth. | Greatest Fall in 24 hours. | | Number of Days with | |
|---|---|---|---|---|---|
| | | | | ·01 in. or more | ·04 in. or more |
| | Inches | Inches | Date. | * | * |
| JAN. | 3·11 | | | | |
| FEB. | ·41 | | | | |
| MAR. | 2·49 | | | | |
| APRIL | 2·04 | | | | |
| MAY | 2·46 | | | | |
| JUNE | 2·03 | | | | |
| JULY | 1·98 | | | | |
| AUG. | 3·04 | | | | |
| SEPT. | 2·94 | | | | |
| OCT. | 4·64 | | | | |
| NOV. | 1·96 | | | | |
| DEC. | 5·40 | | | | |
| Total | 32·83 ✓ | | | | |

*Signature*..........

*See Instruction 2 (*f*) below.

## C Particulars of Station.

**Every observer is requested to fill in this section and also the space for notes as far as possible:—**

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter.......... in Summer..........

Nearest Railway Station.......... Distance.......... Direction from gauge..........

Nearest Parish Church at.......... Distance.......... Direction from gauge..........

| | | | | |
|---|---|---|---|---|
| Nature of objects nearest to gauge | | | | |
| Heights of objects | | | | |
| Distances .. | | | | |
| Directions from gauge .. | | | | |

**If gauge has been moved during the year state—**

Date of move.......... Distance.......... Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

**If you know of any record of rainfall** not quoted in **British Rainfall,** please give the observer's name and address:—

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Copied from Manchester Corpn. Sheet

## D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at* 9 *a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following* 9 *a.m. on January 1st; it is therefore the amount measured on January 2nd.* 9 *a.m. Greenwich Mean Time is* 10 *a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* 0·1 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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2839|1

FORM 1090.

# B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

## RAINFALL IN 1935.

At Prestwich Reservoirs

In the County of ~~Cheshire~~ S. Lancs

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 357 *ft.*

| Month | Total Depth | Greatest Fall in 24 hours | | Number of Days with ·01 in. or more | Number of Days with ·04 in. or more |
|---|---|---|---|---|---|
| | Inches | Inches | Date | * | * |
| JAN. | 1·59 | | | 11 | 8 |
| FEB. | 4·38 | | | 21 | 17 |
| MAR. | 1·50 | | | 11 | 8 |
| APRIL | 2·71 | | | 16 | 14 |
| MAY | ·90 | | | 7 | 5 |
| JUNE | 3·57 | | | 22 | 19 |
| JULY | 1·60 | | | 7 | 7 |
| AUG. | 1·91 | | | 9 | 5 |
| SEPT. | 6·43 | | | 21 | 19 |
| OCT. | 7·63 | | | 26 | 22 |
| NOV. | 4·92 | | | 21 | 19 |
| DEC. | 3·44 | | | 20 | 16 |
| TOTAL | 40·88 | | | 191 | 159 |

*Signature* Copied from Manchester Corpn. returns.

*See Instruction 2 *(f)* below.

# C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Hour of observation by the clock—in Winter ...... in Summer ......

Nearest Railway Station ...... Distance ...... Direction from gauge ......

Nearest Parish Church at ...... Distance ...... Direction from gauge ......

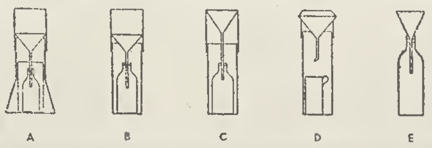
| | | | | |
|---|---|---|---|---|
| Nature of objects nearest to gauge | | | | |
| Height of objects | | | | |
| Distances ... | | | | |
| Directions from gauge ... | | | | |

**If gauge has been moved during the year state –**

Date of move ...... Distance ...... Direction ......

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



**If you know of any record of rainfall** not quoted in **British Rainfall,** please give the observer's name and address :—

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

# D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\begin{matrix}17\\18\end{matrix}\Big\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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2839/1.

FORM 1090.

## B Monthly Summary.

* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

## RAINFALL IN 1936

At Prestwich

In the County of ~~Cheshire~~ S. Lancs.

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 357 *ft.*

| Month | Total Depth | Greatest Fall in 24 hours | | Number of Days with ·01 in. or more | Number of Days with ·04 in. or more |
|---|---|---|---|---|---|
| | Inches | Inches | Date | * | * |
| JAN. | 3·89 | | | 24 | 20 |
| FEB. | 1·70 | | | 16 | 12 |
| MAR. | 1·85 | | | 15 | 9 |
| APRIL | 1·21 | | | 14 | 10 |
| MAY | ·73 | | | 7 | 5 |
| JUNE | 3·33 | | | 17 | 11 |
| JULY | 3·87 | | | 20 | 18 |
| AUG. | 2·28 | | | 13 | 11 |
| SEPT. | 5·53 | | | 17 | 14 |
| OCT. | 4·22 | | | 17 | 14 |
| NOV. | 5·06 | | | 18 | 16 |
| DEC. | 3·29 | | | 22 | 17 |
| TOTAL | 36·96 ✓ | | | 200 ✓ | 157 ✓ |

*Signature* Manchester Corpn. W.W.

*See Instruction 2 (*f*) below.

## ~~C~~ Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Copy by B.R.O.

Hour of observation by the clock—in Winter ........ in Summer ........

Nearest Railway Station ........ Distance ........ Direction from gauge ........

Nearest Parish Church at ........ Distance ........ Direction from gauge ........

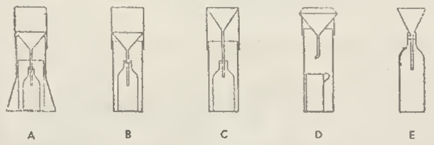
| | | | | |
|---|---|---|---|---|
| Nature of objects nearest to gauge | | | | |
| Height of objects | | | | |
| Distances ... | | | | |
| Directions from gauge ... | | | | |

**If gauge has been moved during the year state –**

Date of move ........ Distance ........ Direction ........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



**If you know of any record of rainfall** not quoted in **British Rainfall,** please give the observer's name and address :—

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

## D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

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(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

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(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

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(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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2839/1.

Form 1090.

## B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

### RAINFALL IN 1937.

At Prestwich Res.

In the County of S. Lancashire

Rain Gauge
- Diameter of Funnel..........................in.
- *Height of Top above Ground.........ft.............in.*
- *Height of Ground above Sea Level.................ft.*

| Month | Total Depth | Greatest Fall in 24 hours | | Number of Days with ·01 in. or more | Number of Days with ·04 in. or more |
|---|---|---|---|---|---|
| | Inches | Inches | Date | * | * |
| Jan. | 3·29 | | | 20 | 15 |
| Feb. | 5·39 | | | 25 | 24 |
| Mar. | 1·20 | | | 16 | 12 |
| April | 2·49 | | | 17 | 15 |
| May | 2·14 | | | 17 | 14 |
| June | 1·66 | | | 14 | 7 |
| July | 2·32 | | | 15 | 11 |
| Aug. | 2·22 | | | 14 | 10 |
| Sept. | 1·25 | | | 12 | 9 |
| Oct. | 1·86 | | | 11 | 9 |
| Nov. | 2·20 | | | 8 | 6 |
| Dec. | 2·55 | | | 21 | 11 |
| Total | 29·57 ✓ | | | 190 ✓ | 143 ✓ |

*Signature* ................................................

* See Instruction 3 (*f*) below.

## C Particulars of Station.

~~Copy by~~ B.R.O.

**Every observer is requested to fill in this section and also the space for notes as far as possible :—**

Name and Address to which any inquiry relating to this register should be sent :—

..........................................................................................

..........................................................................................

Hour of observation by the clock—in Winter..........................in Summer..........................

Nearest Railway Station.......................................... Distance.................. Direction from gauge..............

Nearest Parish Church at.......................................... Distance.................. Direction from gauge..............

| | | | | |
|---|---|---|---|---|
| Nature of objects nearest to gauge | | | | |
| Height of objects | | | | |
| Distances ... | | | | |
| Directions from gauge ... | | | | |

**If gauge has been moved during the year state—**

Date of move.................................................. Distance.............. Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

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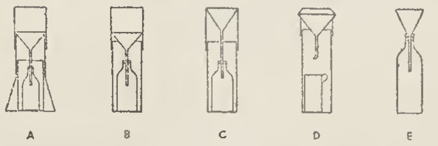

**If you know of any record of rainfall** not quoted in **British Rainfall,** please give the observer's name and address :—

..........................................................................................

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

## D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

*9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 / 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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2839/1

FORM 1090. **B** Monthly Summary.

**C** Particulars of Station.

**The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

## RAINFALL IN 1938

At Prestwich Res

In the County of S. Lancashire

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft. in.*
- *Height of Ground above Sea Level* 357 *ft.*

| Month | Total Depth | Greatest Fall in 24 hours | | Number of Days with ·01 in. or more | Number of Days with ·04 in. or more |
|---|---|---|---|---|---|
| | Inches | Inches | Date | * | * |
| JAN. | 4·84 | | | 25 | 18 |
| FEB. | 1·56 | | | 11 | 7 |
| MAR. | 1·00 | | | 10 | 7 |
| APRIL | ·53 | | | 6 | 4 |
| MAY | 3·53 | | | 15 | 13 |
| JUNE | 4·04 | | | 19 | 15 |
| JULY | 3·64 | | | 20 | 16 |
| AUG. | 3·53 | | | 20 | 17 |
| SEPT. | 2·02 | | | 16 | 11 |
| OCT. | 8·88 | | | 23 | 20 |
| NOV. | 4·42 | | | 22 | 20 |
| DEC. | 4·36 | | | 21 | 17 |
| TOTAL | 42·34 ✓ | | | 208 ✓ | 165 ✓ |

*Signature* ........................................

* See Instruction 3 (*f*) below.

**Every observer is requested to fill in this section and also the space for notes as far as possible :—**

Name and Address to which any inquiry relating to this register should be sent :—

Copy by B.R.O.

Hour of observation by the clock—in Winter.................................in Summer....................

Nearest Railway Station.......................................... Distance.............. Direction from gauge..............

Nearest Parish Church at.......................................... Distance.............. Direction from gauge..............

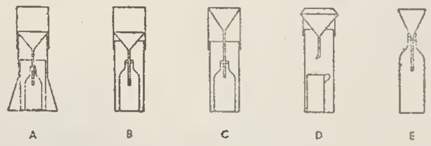
| | | | | |
|---|---|---|---|---|
| Nature of objects nearest to gauge | | | | |
| Height of objects | | | | |
| Distances ... | | | | |
| Directions from gauge ... | | | | |

**If gauge has been moved during the year state—**

Date of move.................................................. Distance.............. Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



**If you know of any record of rainfall** not quoted in **British Rainfall,** please give the observer's name and address :—

## NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

## D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

*9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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2839/1

FORM 1090.

## B Monthly Summary.

*,* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

### RAINFALL IN 1939

At Prestwich Res.

In the County of S. Lancs.

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 357 *ft.*

| Month | Total Depth | Greatest Fall in 24 hours | | Number of Days with | |
|---|---|---|---|---|---|
| | | | | ·01 in. or more | ·04 in. or more |
| | Inches | Inches | Date | * | * |
| JAN. | 5·09 | | | 22 | 19 |
| FEB. | 4·53 | | | 17 | 16 |
| MAR. | 1·90 | | | 18 | 9 |
| APRIL | 2·80 | | | 17 | 9 |
| MAY | 1·71 | | | 10 | 7 |
| JUNE | 2·93 | | | 15 | 10 |
| JULY | 6·63 | | | 23 | 19 |
| AUG. | 2·46 | | | 12 | 10 |
| SEPT. | 1·06 | | | 6 | 3 |
| OCT. | 1.66 | | | 13 | 8 |
| NOV. | 6.12 | | | 26 | 21 |
| DEC. | 4·20 | | | 11 | 10 |
| TOTAL | 41.09 | | | 190 | 141 |

*Signature* Per Manchester W.W.

* See Instruction 3 *(f)* below.

## C Particulars of Station.

Copy by ~~B.R.O.~~

**Every observer is requested to fill in this section and also the space for notes as far as possible:—**

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter ........ in Summer ........

Nearest Railway Station ........ Distance ........ Direction from gauge ........

Nearest Parish Church at ........ Distance ........ Direction from gauge ........

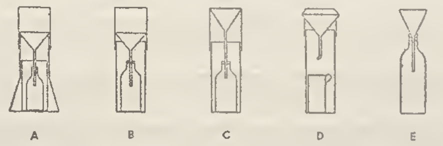
| | | | | |
|---|---|---|---|---|
| Nature of objects nearest to gauge | | | | |
| Height of objects | | | | |
| Distances ... | | | | |
| Directions from gauge ... | | | | |

**If gauge has been moved during the year state—**

Date of move ........ Distance ........ Direction ........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B.**)

If the gauge is of a self-registering or self-recording type please give particulars.



**If you know of any record of rainfall** not quoted in **British Rainfall,** please give the observer's name and address:—

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

## D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

*9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 / 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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FORM 1090. **B** Monthly Summary.

*The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

## RAINFALL IN 1940.

At Prestwich Res.

In the County of S. Lancs.

Rain Gauge
Diameter of Funnel 5 in.
*Height of Top above Ground* 1 *ft.* 0 *in.*
*Height of Ground above Sea Level* 357 *ft.*

| Month | Total Depth | Greatest Fall in 24 hours | | Number of Days with | |
|---|---|---|---|---|---|
| | | | | ·01 in. or more | ·04 in. or more |
| | Inches | Inches | Date | * | * |
| JAN. | 1·69 | | | 9 | 7 |
| FEB. | 2·13 | | | 17 | 13 |
| MAR. | 3·16 | | | 20 | 13 |
| APRIL | 2·34 | | | 19 | 14 |
| MAY | 1·49 | | | 11 | 9 |
| JUNE | 1·02 | | | 7 | 5 |
| JULY | 4·61 | | | 21 | 17 |
| AUG. | 1·89 | | | 13 | 11 |
| SEPT. | 4·58 | | | 17 | 15 |
| OCT. | 3·96 | | | 15 | 11 |
| NOV. | 7·47 | | | 21 | 19 |
| DEC. | 4·60 | | | 18 | 15 |
| TOTAL | 38·94 | | | 188 | 149 |

*Signature* Per Manchester W. Wks.

Copy by B.R.O.

* See Instruction 3 *(f)* below.

**C** Particulars of Station. 2839/1

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Hour of observation by the clock—in Winter ........ in Summer ........

Nearest Railway Station ........ Distance ........ Direction from gauge ........

Nearest Parish Church at ........ Distance ........ Direction from gauge ........

| | | | | |
|---|---|---|---|---|
| Nature of objects nearest to gauge | | | | |
| Height of objects | | | | |
| Distances ... | | | | |
| Directions from gauge ... | | | | |

**If gauge has been moved during the year state—**

Date of move ........ Distance ........ Direction ........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

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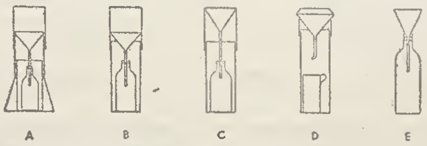

**If you know of any record of rainfall** not quoted in **British Rainfall,** please give the observer's name and address :—

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(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

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S.O. Code No. 40-9999

2840

Section **A** for the entry of Daily

AIR MINISTRY.—M

FORM 1090.

# REGISTEI

*Kept at* HEATON PARK, M

*in the County of* LANCASTER

Diameter of Funnel of Gauge 8

Height of top of Gauge above Ground

,, Ground ,, Sea Level

**THE MORNING MEASUREMI**

*An observer who does not conform to this ru*
*year in the space on the right of this para*

**Pleas**

2840

MANCHESTER, HEATON PARK
1931 —— 40

780501

OR OFFICIAL USE.
ANIZATION.

Jan. 1, following

| Date | Jan. | Feb. | March | April | | | | | | | | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·14 | — | — | ·08 | — | — | — | — | ·04 | ·06 | — | — | 1 |
| 2 | ·04 | ·05 | — | ·75 | ·05 | ·89 | ·02 | — | ·71 | — | ·05 | ·06 | 2 |
| 3 | — | — | — | ·04 | — | ·09 | ·37 | — | ·26 | — | 1·59 | ·40 | 3 |
| 4 | — | ·03 | — | ·52 | — | — | ·12 | ·04 | ·50 | — | ·08 | ·38 | 4 |
| 5 | — | ·15 | — | — | ·14 | ·90 | ·26 | ·97 | ·04 | — | — | ·23 | 5 |
| 6 | — | ·29 | — | — | ·05 | ·18 | ·73 | ·02 | ·37 | ·56 | ·33 | — | 6 |
| 7 | — | ·02 | — | — | — | ·45 | — | ·46 | — | ·15 | ·07 | ·11 | 7 |
| 8 | ·01 | ·14 | — | ·09 | — | — | ·27 | ·23 | ·01 | ·01 | ·19 | — | 8 |
| 9 | ·07 | ·60 | — | ·28 | ·01 | ·09 | — | ·26 | ·19 | ·03 | ·18 | ·05 | 9 |
| 10 | ·06 | ·06 | — | — | ·22 | ·29 | — | ·18 | ·20 | — | ·26 | — | 10 |
| 11 | ·50 | ·45 | — | ·06 | — | ·02 | ·12 | — | ·28 | — | ·29 | — | 11 |
| 12 | ·04 | ·31 | — | — | — | — | ·86 | ·01 | ·20 | ·22 | ·10 | — | 12 |
| 13 | — | — | ·11 | — | ·03 | ·01 | ·28 | ·05 | — | — | — | — | 13 |
| 14 | ·17 | ·11 | — | — | ·04 | 1·29 | ·10 | ·85 | ·01 | — | ·50 | ·03 | 14 |
| 15 | ·29 | ·28 | — | ·17 | ·15 | — | ·30 | ·45 | — | — | — | ·10 | 15 |
| 16 | ·35 | ·09 | — | ·32 | ·34 | ·32 | ·08 | ·56 | ·26 | — | — | — | 16 |
| 17 | ·04 | ·03 | — | ·13 | ·08 | ·09 | ·28 | ·75 | ·02 | — | ·15 | — | 17 |
| 18 | ·42 | — | — | ·04 | — | ·49 | ·68 | ·13 | ·01 | — | ·82 | — | 18 |
| 19 | ·18 | ·26 | — | ·01 | — | — | ·09 | 1·17 | — | — | — | ·03 | 19 |
| 20 | — | ·17 | ·04 | — | — | ·10 | — | ·22 | — | — | ·07 | ·02 | 20 |
| 21 | ·52 | ·04 | ·20 | — | ·10 | ·12 | ·01 | ·22 | — | — | ·05 | — | 21 |
| 22 | ·10 | ·26 | — | ·01 | ·10 | ·04 | ·01 | — | — | — | ·08 | — | 22 |
| 23 | ·42 | — | ·02 | ·11 | ·55 | ·25 | ·45 | — | — | — | ·47 | ·20 | 23 |
| 24 | ·07 | ·32 | — | ·05 | ·41 | — | ·08 | — | — | — | ·02 | ·06 | 24 |
| 25 | ·22 | ·81 | — | ·28 | ·06 | — | ·01 | — | — | — | ·05 | ·13 | 25 |
| 26 | ·03 | ·05 | — | ·34 | — | — | — | — | — | — | ·49 | — | 26 |
| 27 | ·47 | ·12 | — | ·04 | ·16 | — | ·25 | — | — | ·40 | ·88 | ·04 | 27 |
| 28 | ·53 | ·17 | — | ·02 | ·02 | — | ·12 | — | ·03 | — | — | ·10 | 28 |
| 29 | ·15 | — | — | ·01 | ·15 | — | ·09 | — | — | ·65 | ·03 | ·03 | 29 |
| 30 | — | × | — | ·03 | — | — | ·02 | — | ·12 | — | — | — | 30 |
| 31 | ·21 | × | — | × | — | × | ·30 | — | × | ·01 | × | ·08 | 31 |
| TOTAL | 5·03 | 4·81 | ·37 | 3·38 | 2·66 | 5·62 | 5·90 | 6·57 | 3·25 | 2·09 | 6·75 | 2·05 | YEAR'S TOTAL<br>48·48 |
| *Days with ·01 in. or more. | 23 | 23 | 4 | 21 | 18 | 17 | 25 | 17 | 17 | 9 | 22 | 17 | 213 |
| *Days with ·04 in. or more. | 21 | 20 | 3 | 16 | 15 | 15 | 20 | 15 | 12 | 6 | 20 | 13 | 176 |

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*See Instruction 2 (*f*) on other side.

(Signed)

City Engineer.

P.T.O.

Section **A** for the entry of Daily … OR OFFICIAL USE.

2840

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1931.

*Kept at* HEATON PARK, MANCHESTER

*in the County of* LANCASTER

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft 0 in.

„ Ground „ Sea Level 312 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·14 | — | — | ·08 | — | — | — | — | ·04 | ·06 | — | — | 1 |
| 2 | ·04 | ·05 | — | ·75 | ·05 | ·89 | ·02 | — | ·71 | — | ·05 | ·06 | 2 |
| 3 | — | — | — | ·04 | — | ·09 | ·37 | — | ·26 | — | 1·59 | ·40 | 3 |
| 4 | — | ·03 | — | ·52 | — | — | ·12 | ·04 | ·50 | — | ·08 | ·38 | 4 |
| 5 | — | ·15 | — | — | ·14 | ·90 | ·26 | ·97 | ·04 | — | — | ·23 | 5 |
| 6 | — | ·29 | — | — | ·05 | ·18 | ·73 | ·02 | ·37 | ·56 | ·33 | — | 6 |
| 7 | — | ·02 | — | — | — | ·45 | — | ·46 | — | ·15 | ·07 | ·11 | 7 |
| 8 | ·01 | ·14 | — | ·09 | — | — | ·27 | ·23 | ·01 | ·01 | ·19 | — | 8 |
| 9 | ·07 | ·60 | — | ·28 | ·01 | ·09 | — | ·26 | ·19 | ·03 | ·18 | ·05 | 9 |
| 10 | ·06 | ·06 | — | — | ·22 | ·29 | — | ·18 | ·20 | — | ·26 | — | 10 |
| 11 | ·50 | ·45 | — | ·06 | — | ·02 | ·12 | — | ·28 | — | ·29 | — | 11 |
| 12 | ·04 | ·31 | — | — | — | — | ·86 | ·01 | ·20 | ·22 | ·10 | — | 12 |
| 13 | — | — | ·11 | — | ·03 | ·01 | ·28 | ·05 | — | — | — | — | 13 |
| 14 | ·17 | ·11 | — | — | ·04 | 1·29 | ·10 | ·85 | ·01 | — | ·50 | ·03 | 14 |
| 15 | ·29 | ·28 | — | ·17 | ·15 | — | ·30 | ·45 | — | — | — | ·10 | 15 |
| 16 | ·35 | ·09 | — | ·32 | ·34 | ·32 | ·08 | ·56 | ·26 | — | — | — | 16 |
| 17 | ·04 | ·03 | — | ·13 | ·08 | ·09 | ·28 | ·75 | ·02 | — | ·15 | — | 17 |
| 18 | ·42 | — | — | ·04 | — | ·49 | ·68 | ·13 | ·01 | — | ·82 | — | 18 |
| 19 | ·18 | ·26 | — | ·01 | — | — | ·09 | 1·17 | — | — | — | ·03 | 19 |
| 20 | — | ·17 | ·04 | — | — | ·10 | — | ·22 | — | — | ·07 | ·02 | 20 |
| 21 | ·52 | ·04 | ·20 | — | ·10 | ·12 | ·01 | ·22 | — | — | ·05 | — | 21 |
| 22 | ·10 | ·26 | — | ·01 | ·10 | ·04 | ·01 | — | — | — | ·08 | — | 22 |
| 23 | ·42 | — | ·02 | ·11 | ·55 | ·25 | ·45 | — | — | — | ·47 | ·20 | 23 |
| 24 | ·07 | ·32 | — | ·05 | ·41 | — | ·08 | — | — | — | ·02 | ·06 | 24 |
| 25 | ·22 | ·81 | — | ·28 | ·06 | — | ·01 | — | — | — | ·05 | ·13 | 25 |
| 26 | ·03 | ·05 | — | ·34 | — | — | — | — | — | — | ·49 | — | 26 |
| 27 | ·47 | ·12 | — | ·04 | ·16 | — | ·25 | — | — | ·40 | ·88 | ·04 | 27 |
| 28 | ·53 | ·17 | — | ·02 | ·02 | — | ·12 | — | ·03 | — | — | ·10 | 28 |
| 29 | ·15 | — | — | ·01 | ·15 | — | ·09 | — | — | ·65 | ·03 | ·03 | 29 |
| 30 | — | ✕ | — | ·03 | — | — | ·02 | — | ·12 | — | — | — | 30 |
| 31 | ·21 | ✕ | — | ✕ | — | ✕ | ·30 | — | ✕ | ·01 | ✕ | ·08 | 31 |
| TOTAL | 5·03 | 4·81 | ·37 | 3·38 | 2·66 | 5·62 | 5·90 | 6·57 | 3·25 | 2·09 | 6·75 | 2·05 | YEAR'S TOTAL 48·48 |
| *Days with ·01 in. or more. | 23 | 23 | 4 | 21 | 18 | 17 | 25 | 17 | 17 | 9 | 22 | 17 | 213 |
| *Days with ·04 in. or more. | 21 | 20 | 3 | 16 | 15 | 15 | 20 | 15 | 12 | 6 | 20 | 13 | 176 |

40-9999

*See Instruction 2 (*f*) on other side.

(Signed)

City Engineer.

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2840

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1932.

*Kept at* HEATON PARK, MANCHESTER.

*in the County of* LANCASTER.

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 312 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

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Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·35 | - | - | ·32 | ·07 | - | ·23 | - | ·35 | ·29 | ·11 | ·13 | 1 |
| 2 | ·75 | - | - | - | ·11 | - | ·06 | ·04 | 1·02 | ·09 | ·05 | ·28 | 2 |
| 3 | - | - | - | ·01 | - | - | ·29 | - | ·09 | ·01 | ·09 | ·27 | 3 |
| 4 | ·02 | - | - | - | - | - | ·16 | - | ·04 | ·02 | ·07 | ·02 | 4 |
| 5 | 1·10 | - | ·15 | ·27 | ·05 | - | - | ·01 | ·13 | - | - | - | 5 |
| 6 | ·93 | - | ·22 | ·33 | ·01 | - | ·01 | - | ·20 | - | - | - | 6 |
| 7 | ·06 | - | ·51 | ·10 | - | - | - | - | ·67 | ·45 | - | - | 7 |
| 8 | - | - | - | ·13 | - | - | - | - | ·04 | ·67 | - | - | 8 |
| 9 | ·03 | - | - | ·38 | ·13 | - | - | - | ·05 | - | ·01 | - | 9 |
| 10 | ·47 | - | - | ·06 | ·01 | - | - | - | ·82 | ·56 | ·02 | - | 10 |
| 11 | ·03 | ·03 | - | ·01 | ·45 | - | ·47 | - | ·01 | ·01 | - | - | 11 |
| 12 | ·23 | - | - | - | ·35 | ·12 | ·01 | ·03 | ·06 | ·49 | - | - | 12 |
| 13 | - | ·03 | - | ·02 | ·12 | - | ·37 | ·10 | ·26 | ·45 | - | ·20 | 13 |
| 14 | ·04 | - | - | ·03 | - | - | ·81 | ·07 | ·01 | ·14 | ·12 | ·08 | 14 |
| 15 | - | - | - | - | ·70 | - | - | - | - | ·18 | ·02 | ·01 | 15 |
| 16 | ·27 | - | - | ·02 | - | - | - | - | - | ·15 | - | ·08 | 16 |
| 17 | - | - | - | - | ·04 | - | ·07 | ·04 | ·08 | ·64 | - | - | 17 |
| 18 | - | - | - | - | ·03 | - | ·01 | - | - | ·05 | ·03 | - | 18 |
| 19 | - | - | - | ·22 | ·14 | - | ·01 | - | - | ·30 | - | ·01 | 19 |
| 20 | - | - | - | ·13 | ·42 | - | ·06 | ·26 | - | ·17 | ·16 | - | 20 |
| 21 | ·07 | - | ·27 | ·03 | ·34 | - | - | ·23 | - | ·50 | ·17 | ·01 | 21 |
| 22 | - | - | ·23 | ·16 | ·30 | - | ·09 | - | - | ·07 | ·96 | ·06 | 22 |
| 23 | - | - | - | ·06 | ·70 | - | ·12 | - | - | ·08 | ·12 | ·05 | 23 |
| 24 | ·05 | - | - | - | ·05 | ·02 | ·46 | - | ·29 | ·01 | ·20 | ·03 | 24 |
| 25 | - | - | - | ·10 | ·07 | ·01 | ·03 | - | ·19 | 1·20 | ·25 | - | 25 |
| 26 | - | - | - | ·15 | ·37 | ·01 | ·44 | - | ·03 | ·35 | ·20 | ·01 | 26 |
| 27 | - | - | ·42 | ·31 | ·38 | ·08 | ·24 | - | - | - | ·06 | ·08 | 27 |
| 28 | - | - | ·13 | ·42 | ·13 | - | ·34 | - | - | - | - | ·02 | 28 |
| 29 | ·06 | - | ·52 | ·34 | ·02 | ·08 | ·14 | ·42 | ·13 | ·80 | ·20 | ·27 | 29 |
| 30 | - | X | ·16 | ·03 | ·14 | ·34 | ·05 | ·10 | ·07 | ·11 | ·18 | ·05 | 30 |
| 31 | - | X | ·10 | X | ·01 | X | ·15 | ·01 | X | ·01 | X | ·07 | 31 |
| TOTAL | 4·46 | ·06 | 2·71 | 3·63 | 5·14 | ·66 | 4·62 | 1·31 | 4·54 | 7·80 | 3·02 | 1·73 | YEAR'S TOTAL<br>39·68 |
| *Days with ·01 in. or more. | 15 | 2 | 10 | 23 | 25 | 7 | 23 | 11 | 20 | 26 | 19 | 19 | 200 |
| *Days with .04 in. or more. | 12 | 0 | 10 | 16 | 20 | 4 | 18 | 8 | 17 | 21 | 15 | 12 | 153 |

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*See Instruction 2 (*f*) on other side.

(*Signed*)

City Engineer.

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2840

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1933.

*Kept at* HEATON PARK, MANCHESTER.

*in the County of* LANCASTER.

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 312 ft.

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Jan. 1, following

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| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·04 | ·40 | ·01 | — | ·02 | ·01 | — | ·04 | ·01 | — | ·44 | — | 1 |
| 2 | ·42 | — | ·16 | ·23 | — | ·16 | — | ·10 | — | — | — | — | 2 |
| 3 | ·01 | ·53 | ·34 | — | ·36 | — | — | — | — | — | ·02 | — | 3 |
| 4 | ·25 | ·07 | ·23 | — | ·14 | — | — | — | — | ·01 | ·01 | — | 4 |
| 5 | ·19 | ·25 | ·02 | — | ·09 | — | — | — | — | — | ·04 | — | 5 |
| 6 | ·01 | ·16 | ·18 | — | ·23 | — | — | — | — | ·02 | ·01 | ·03 | 6 |
| 7 | ·08 | ·34 | ·03 | — | ·04 | — | ·30 | ·04 | — | ·75 | — | — | 7 |
| 8 | ·22 | ·07 | ·18 | ·17 | ·06 | ·13 | ·20 | — | — | — | ·01 | ·03 | 8 |
| 9 | — | ·33 | — | ·05 | ·11 | — | ·80 | ·04 | — | ·66 | ·14 | — | 9 |
| 10 | ·08 | ·04 | — | — | — | ·08 | ·06 | — | — | 1·28 | ·12 | — | 10 |
| 11 | — | — | — | ·04 | — | — | ·85 | — | — | ·23 | — | ·01 | 11 |
| 12 | ·05 | — | — | — | — | ·16 | ·30 | — | — | ·20 | — | ·03 | 12 |
| 13 | ·02 | — | — | — | ·21 | — | ·42 | ·01 | ·01 | ·21 | ·16 | — | 13 |
| 14 | ·20 | — | ·04 | — | ·01 | — | ·15 | ·05 | — | ·02 | ·35 | — | 14 |
| 15 | ·35 | — | ·02 | — | — | ·01 | ·02 | ·09 | — | ·31 | ·18 | — | 15 |
| 16 | ·06 | ·03 | ·18 | ·01 | ·04 | ·22 | ·01 | ·01 | — | ·08 | — | ·01 | 16 |
| 17 | ·03 | — | ·95 | — | — | ·70 | — | ·24 | ·06 | — | ·03 | — | 17 |
| 18 | ·04 | ·01 | ·22 | — | ·03 | ·37 | — | — | — | — | — | — | 18 |
| 19 | — | — | ·50 | ·01 | — | — | — | ·05 | ·66 | — | ·14 | ·02 | 19 |
| 20 | — | ·12 | — | — | ·02 | — | — | ·37 | — | — | — | — | 20 |
| 21 | — | — | — | — | — | — | — | ·46 | ·16 | — | — | — | 21 |
| 22 | — | — | — | — | ·05 | — | — | ·08 | — | ·06 | — | — | 22 |
| 23 | — | — | — | ·33 | ·02 | ·04 | — | — | ·01 | ·09 | — | — | 23 |
| 24 | — | ·12 | — | ·16 | ·14 | ·18 | — | — | ·60 | — | — | — | 24 |
| 25 | — | ·32 | — | ·10 | — | — | — | — | ·26 | — | — | ·10 | 25 |
| 26 | — | ·35 | — | ·41 | — | — | — | — | — | ·35 | — | ·01 | 26 |
| 27 | — | ·01 | — | ·01 | ·18 | — | — | — | ·02 | ·01 | — | — | 27 |
| 28 | — | — | — | ·05 | — | — | ·15 | — | — | ·08 | — | — | 28 |
| 29 | — | | — | ·02 | — | — | ·03 | — | — | ·01 | — | ·10 | 29 |
| 30 | ·05 | X | ·03 | ·10 | — | ·01 | ·10 | — | — | ·30 | — | ·22 | 30 |
| 31 | ·44 | X | ·07 | X | — | X | ·07 | ·09 | X | ·21 | X | ·02 | 31 |
| TOTAL | 2·54 | 3·15 | 3·16 | 1·69 | 1·75 | 2·07 | 3·46 | 1·67 | 1·79 | 4·88 | 1·65 | ·58 | YEAR'S TOTAL 28·39 |
| *Days with ·01 in. or more. | 18 | 16 | 16 | 14 | 17 | 12 | 14 | 14 | 9 | 19 | 13 | 11 | 173 |
| *Days with ·04 in. or more. | 14 | 13 | 11 | 10 | 12 | 9 | 11 | 12 | 5 | 14 | 8 | 3 | 122 |

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*See Instruction 2 (*f*) on other side.

②

(*Signed*)

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2840

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1934.

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Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 312 ft.

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·09 | — | ·01 | — | — | — | — | ·06 | ·19 | ·01 | ·06 | ·63 | | 1 |
| 2 | — | ·02 | ·13 | — | ·01 | — | — | ·52 | ·07 | — | ·30 | ·30 | | 2 |
| 3 | ·09 | — | — | — | — | — | — | ·15 | ·03 | ·12 | ·04 | ·08 | | 3 |
| 4 | ·20 | — | ·12 | ·03 | ·06 | — | — | ·03 | ·04 | ·53 | — | ·93 | | 4 |
| 5 | — | — | ·05 | — | ·04 | — | — | ·54 | — | ·19 | — | ·06 | | 5 |
| 6 | — | — | ·23 | ·07 | ·37 | ·05 | — | ·05 | — | ·25 | — | ·34 | | 6 |
| 7 | ·32 | ·02 | ·14 | ·03 | — | ·07 | — | — | — | ·07 | ·27 | ·23 | | 7 |
| 8 | — | — | — | — | ·09 | ·35 | — | ·02 | ·02 | ·08 | ·78 | ·02 | | 8 |
| 9 | — | ·03 | ·17 | — | — | — | — | ·12 | — | ·01 | ·25 | ·05 | | 9 |
| 10 | ·01 | ·01 | ·22 | ·02 | — | — | — | ·12 | — | ·43 | ·02 | — | | 10 |
| 11 | ·06 | — | ·01 | ·41 | — | — | — | ·26 | — | — | ·04 | ·14 | | 11 |
| 12 | — | ·01 | — | ·11 | — | — | ·05 | ·01 | — | ·05 | — | ·02 | | 12 |
| 13 | ·38 | — | — | ·05 | ·06 | — | ·11 | — | — | ·15 | — | ·03 | | 13 |
| 14 | ·15 | — | ·09 | — | ·03 | — | — | — | — | ·34 | ·02 | ·09 | | 14 |
| 15 | ·31 | — | ·28 | — | ·68 | ·01 | — | ·16 | ·10 | — | — | ·22 | | 15 |
| 16 | ·51 | — | ·09 | — | ·13 | — | — | — | — | ·05 | — | ·13 | | 16 |
| 17 | ·23 | — | ·35 | ·01 | ·13 | — | ·18 | — | ·35 | ·02 | — | ·13 | | 17 |
| 18 | ·28 | — | ·15 | ·18 | ·47 | ·27 | — | ·02 | — | — | — | ·09 | | 18 |
| 19 | — | — | ·20 | ·01 | ·10 | ·34 | — | — | ·40 | ·21 | — | — | | 19 |
| 20 | — | — | ·01 | ·11 | ·22 | ·05 | — | ·01 | ·19 | ·08 | — | — | | 20 |
| 21 | ·06 | — | ·03 | — | — | ·37 | — | ·05 | ·21 | ·09 | — | — | | 21 |
| 22 | ·05 | — | ·01 | — | — | — | — | ·22 | ·45 | ·10 | ·02 | ·07 | | 22 |
| 23 | — | — | ·12 | ·44 | — | ·04 | ·57 | — | — | ·18 | ·02 | — | | 23 |
| 24 | — | ·22 | ·01 | ·13 | ·03 | ·01 | — | — | ·13 | ·08 | — | — | | 24 |
| 25 | ·02 | ·11 | — | ·16 | — | — | ·17 | — | ·20 | ·19 | — | ·41 | | 25 |
| 26 | ·08 | — | ·04 | ·14 | — | ·12 | ·13 | — | ·22 | ·04 | — | ·12 | | 26 |
| 27 | — | — | — | ·08 | — | ·26 | ·42 | — | ·02 | ·25 | ·02 | ·35 | | 27 |
| 28 | — | — | — | ·03 | — | ·09 | ·08 | ·44 | — | ·27 | — | ·61 | | 28 |
| 29 | — | / | — | — | — | — | ·10 | ·24 | ·45 | ·29 | — | ·12 | | 29 |
| 30 | ·10 | × | — | — | — | — | ·04 | ·25 | ·17 | ·16 | — | ·01 | | 30 |
| 31 | — | × | — | × | — | × | ·22 | ·01 | × | ·05 | × | ·30 | | 31 |
| TOTAL | 2·94 | ·42 | 2·46 | 2·01 | 2·42 | 2·03 | 2·07 | 3·28 | 3·24 | 4·29 | 1·84 | 5·48 | Year's Total. 32·48 ✓ | |
| * Days with ·01 in. or more. | 17 | 7 | 21 | 17 | 14 | 13 | 11 | 20 | 17 | 27 | 12 | 25 | 201 | |
| * Days with ·04 in. or more. | 15 | 2 | 15 | 11 | 11 | 11 | 11 | 14 | 14 | 24 | 7 | 21 | 156 | |

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† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(Signed)

[P.T.O.

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Section **A** for the entry of Daily Observations. Station No. 2840

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FORM 1090.

# REGISTER OF RAINFALL IN 1935.

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·30 | ·27 | – | ·03 | – | ·08 | ·08 | – | ·16 | ·55 | ·03 | ·36 | | 1 |
| 2 | ·01 | ·27 | ·02 | – | – | ·49 | – | – | ·14 | ·08 | ·03 | ·06 | | 2 |
| 3 | ·08 | ·47 | ·13 | ·08 | – | ·08 | ·47 | – | ·32 | ·02 | ·07 | ·21 | | 3 |
| 4 | – | ·01 | – | – | – | ·10 | ·01 | – | ·17 | ·30 | – | – | | 4 |
| 5 | – | ·37 | ·09 | ·15 | – | ·13 | ·02 | – | ·17 | ·03 | ·29 | ·23 | | 5 |
| 6 | – | – | – | ·08 | – | ·28 | – | – | – | – | – | – | | 6 |
| 7 | – | – | – | ·05 | – | ·26 | – | – | – | ·21 | ·26 | ·32 | | 7 |
| 8 | – | – | – | ·11 | – | – | – | – | – | ·21 | ·15 | ·37 | | 8 |
| 9 | – | – | – | ·25 | – | ·10 | – | – | – | 1·79 | ·06 | – | | 9 |
| 10 | – | ·06 | – | ·06 | – | – | – | – | – | ·83 | ·13 | – | | 10 |
| 11 | ·35 | ·10 | – | – | – | ·11 | – | ·01 | – | ·36 | ·06 | – | | 11 |
| 12 | ·03 | ·13 | – | – | – | 1·05 | – | – | ·04 | – | – | – | | 12 |
| 13 | ·11 | ·03 | – | ·07 | ·21 | ·02 | – | – | ·14 | ·09 | – | – | | 13 |
| 14 | – | – | – | – | ·02 | ·04 | – | – | ·07 | ·01 | 1·31 | ·27 | | 14 |
| 15 | – | ·80 | – | ·38 | ·07 | – | ·03 | – | ·16 | ·04 | ·02 | ·29 | | 15 |
| 16 | – | ·17 | ·12 | ·22 | ·02 | ·16 | ·21 | – | ·51 | ·01 | ·31 | ·06 | | 16 |
| 17 | – | ·03 | – | ·23 | ·37 | ·21 | ·25 | ·04 | ·53 | ·04 | ·26 | ·01 | | 17 |
| 18 | – | – | – | ·17 | ·08 | ·02 | ·19 | – | ·45 | ·22 | ·06 | – | | 18 |
| 19 | – | ·01 | – | ·31 | ·04 | ·30 | ·20 | – | – | ·13 | ·18 | ·04 | | 19 |
| 20 | – | ·51 | – | ·31 | – | ·18 | ·17 | – | – | – | – | – | | 20 |
| 21 | – | ·19 | ·02 | – | – | – | – | – | ·72 | ·10 | – | ·19 | | 21 |
| 22 | ·01 | ·09 | ·03 | – | – | – | – | – | ·07 | – | – | ·06 | | 22 |
| 23 | ·02 | ·02 | ·91 | ·05 | – | – | – | ·26 | ·05 | ·40 | – | – | | 23 |
| 24 | ·39 | ·29 | ·04 | – | – | – | – | – | 1·35 | ·07 | – | ·09 | | 24 |
| 25 | ·15 | – | ·10 | – | – | ·04 | – | – | – | – | ·10 | ·12 | | 25 |
| 26 | – | – | – | – | – | – | ·02 | ·93 | ·46 | ·34 | ·09 | ·24 | | 26 |
| 27 | – | ·03 | – | – | ·01 | ·07 | ·22 | ·01 | ·38 | ·73 | ·39 | ·04 | | 27 |
| 28 | ·04 | ·10 | – | – | ·03 | – | – | ·06 | ·09 | ·43 | ·08 | – | | 28 |
| 29 | – | X | ·04 | – | – | – | – | ·06 | ·41 | ·39 | ·19 | ·09 | | 29 |
| 30 | ·09 | ✕ | – | – | – | ·15 | – | ·14 | ·14 | ·34 | ·57 | ·08 | | 30 |
| 31 | ·12 | ✕ | – | ✕ | – | ✕ | – | – | ✕ | ·24 | ✕ | ·30 | | 31 |
| TOTAL | 1·70 | 3·95 | 1·50 | 2·55 | ·85 | 3·87 | 1·87 | 1·51 | 6·53 | 7·96 | 4·64 | 3·43 | Year's Total<br>40·36 | |
| * Days with .01 in. or more. | 13 | 20 | 10 | 16 | 9 | 20 | 12 | 8 | 21 | 26 | 21 | 20 | 196 | |
| * Days with .04 in. or more. | 9 | 14 | 7 | 15 | 5 | 18 | 8 | 6 | 21 | 22 | 18 | 19 | 162 | |

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) Bertram Meek

City Engineer.

P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations Station No. 2840

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1936.

*Kept at* HEATON PARK, MANCHESTER.

*in the County of* LANCASTER.

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 312 ft.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | — | ·07 | ·01 | ·14 | — | — | — | ·43 | ·08 | — | ·17 | ·17 | | 1 |
| 2 | ·01 | ·03 | — | ·06 | — | ·25 | — | ·26 | ·02 | — | ·04 | ·14 | | 2 |
| 3 | — | ·01 | — | — | — | ·07 | ·06 | ·17 | ·89 | — | — | ·05 | | 3 |
| 4 | ·22 | — | ·27 | — | — | — | — | ·03 | ·58 | — | ·23 | ·25 | | 4 |
| 5 | ·03 | ·31 | ·30 | — | — | ·01 | — | ·40 | ·14 | — | — | ·38 | | 5 |
| 6 | ·03 | — | ·01 | — | — | ·02 | ·05 | ·26 | ·63 | — | ·10 | — | | 6 |
| 7 | — | — | ·07 | — | — | — | ·05 | — | ·67 | — | ·11 | ·35 | | 7 |
| 8 | ·20 | — | ·26 | — | — | — | — | — | — | — | ·57 | ·10 | | 8 |
| 9 | ·22 | — | ·01 | — | — | ·01 | ·05 | — | ·06 | — | ·76 | — | | 9 |
| 10 | ·07 | — | — | — | — | — | ·53 | — | — | — | ·75 | — | | 10 |
| 11 | — | — | — | ·01 | — | ·13 | ·33 | ·05 | ·10 | — | ·40 | ·01 | | 11 |
| 12 | — | ·01 | — | ·03 | ·07 | ·76 | ·36 | — | ·38 | ·19 | ·05 | ·01 | | 12 |
| 13 | ·02 | — | — | ·03 | — | — | ·07 | — | — | ·19 | ·02 | ·23 | | 13 |
| 14 | — | — | — | ·03 | — | ·33 | ·03 | ·10 | ·60 | ·12 | ·25 | ·54 | | 14 |
| 15 | — | — | — | ·09 | ·09 | ·09 | ·07 | ·05 | ·10 | — | ·47 | ·06 | | 15 |
| 16 | ·02 | ·15 | ·02 | ·05 | — | — | ·03 | — | — | ·03 | ·73 | — | | 16 |
| 17 | ·03 | ·31 | — | ·03 | — | — | ·10 | ·09 | — | ·52 | ·02 | ·11 | | 17 |
| 18 | ·05 | ·05 | — | ·04 | — | ·11 | ·25 | ·12 | — | ·75 | — | — | | 18 |
| 19 | ·12 | ·17 | ·03 | ·17 | — | ·08 | ·37 | ·35 | — | ·10 | — | — | | 19 |
| 20 | ·31 | ·11 | — | — | — | — | ·02 | — | — | ·02 | — | ·01 | | 20 |
| 21 | ·01 | — | — | ·04 | — | ·06 | — | — | — | ·05 | — | — | | 21 |
| 22 | ·24 | ·17 | ·04 | — | — | ·58 | ·32 | — | — | — | — | ·05 | | 22 |
| 23 | ·01 | — | ·20 | ·20 | — | — | ·49 | ·01 | — | ·07 | — | — | | 23 |
| 24 | ·09 | ·01 | — | ·05 | ·07 | — | — | — | ·19 | ·61 | ·01 | ·01 | | 24 |
| 25 | ·32 | — | — | ·04 | — | — | ·08 | — | ·42 | ·24 | ·01 | ·07 | | 25 |
| 26 | ·06 | ·18 | ·04 | — | — | — | ·01 | — | ·11 | ·65 | — | — | | 26 |
| 27 | ·84 | ·02 | ·01 | — | — | — | — | — | ·01 | ·37 | — | — | | 27 |
| 28 | ·07 | ·17 | ·22 | — | — | — | ·11 | — | — | — | ·03 | ·07 | | 28 |
| 29 | ·12 | ·17 | ·62 | — | ·09 | ·72 | — | — | — | ·10 | ·13 | ·10 | | 29 |
| 30 | ·24 | ✕ | — | — | ·49 | — | ·47 | — | — | ·42 | ·10 | ·04 | | 30 |
| 31 | ·13 | ✕ | ·05 | ✕ | ·01 | ✕ | ·01 | ·02 | ✕ | — | ✕ | ·24 | | 31 |
| TOTAL | 3·46 | 1·94 | 2·16 | 1·01 | ·82 | 3·22 | 3·86 | 2·34 | 4·98 | 4·43 | 4·95 | 2·99 | Year's Total 36·16 | ✓ |
| * Days with .01 in. or more. | 24 | 16 | 16 | 15 | 6 | 14 | 22 | 14 | 16 | 16 | 20 | 21 | 200 | ✓ |
| * Days with .04 in. or more. | 16 | 11 | 10 | 10 | 5 | 11 | 17 | 11 | 14 | 14 | 15 | 17 | 151 | ✓ |

† Spare column, no entries required.

(Signed) ..................................... [P.T.O.

City Engineer

* See Instruction 3 (f) on other side.

## COPY FOR OFFICIAL USE

**Section** **A** **for the entry of Daily Observations** **Station No.** 2840.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1937

*Kept at* HEATON PARK, MANCHESTER.

*in the County of* LANCASTER.

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 312 ft.

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·02 | ·20 | ·06 | — | — | ·01 | ·01 | — | ·35 | — | — | ·29 | | 1 |
| 2 | ·08 | ·20 | ·09 | ·12 | — | — | ·02 | — | — | — | — | — | | 2 |
| 3 | — | ·07 | ·06 | ·12 | ·11 | ·62 | ·10 | — | — | — | — | — | | 3 |
| 4 | ·20 | ·02 | — | ·03 | ·12 | — | ·03 | ·03 | — | — | — | ·47 | | 4 |
| 5 | 1·15 | — | — | ·01 | ·04 | ·01 | — | — | — | — | — | ·27 | | 5 |
| 6 | ·14 | — | — | ·09 | ·13 | — | — | ·46 | — | ·03 | — | ·12 | | 6 |
| 7 | ·02 | ·09 | — | ·40 | ·05 | ·03 | — | — | ·09 | — | — | ·10 | | 7 |
| 8 | — | ·57 | — | ·06 | ·05 | ·07 | ·25 | — | — | — | ·03 | ·08 | | 8 |
| 9 | ·01 | ·14 | — | ·04 | — | — | ·44 | ·21 | — | — | — | — | | 9 |
| 10 | ·01 | ·17 | — | — | ·19 | ·02 | ·02 | ·05 | — | — | — | ·22 | | 10 |
| 11 | — | ·02 | ·07 | — | ·09 | — | ·02 | — | — | — | — | ·01 | | 11 |
| 12 | ·03 | ·38 | ·07 | — | ·01 | ·09 | ·04 | — | ·25 | — | — | ·16 | | 12 |
| 13 | — | ·18 | — | — | — | ·20 | — | ·18 | ·05 | — | — | ·25 | | 13 |
| 14 | — | ·05 | ·03 | — | — | — | — | ·23 | — | — | ·02 | ·11 | | 14 |
| 15 | ·24 | ·27 | ·07 | ·37 | ·13 | — | ·57 | — | ·12 | — | — | ·02 | | 15 |
| 16 | ·06 | ·45 | — | ·32 | — | — | — | ·10 | ·13 | — | — | — | | 16 |
| 17 | ·05 | ·06 | ·29 | ·12 | ·03 | ·02 | — | ·01 | ·03 | — | — | — | | 17 |
| 18 | ·35 | ·28 | ·12 | ·03 | — | — | ·02 | ·30 | ·02 | — | ·47 | — | | 18 |
| 19 | ·07 | ·30 | ·05 | ·18 | — | ·03 | ·05 | ·03 | — | — | ·59 | — | | 19 |
| 20 | ·05 | ·07 | — | — | ·26 | ·01 | ·11 | — | ·02 | — | — | ·37 | | 20 |
| 21 | — | ·10 | ·04 | — | — | — | ·23 | — | — | ·11 | — | ·07 | | 21 |
| 22 | ·02 | ·03 | — | — | ·03 | — | ·14 | — | — | ·41 | ·17 | ·18 | | 22 |
| 23 | ·15 | — | ·03 | ·15 | ·60 | — | ·17 | — | — | ·29 | ·17 | — | | 23 |
| 24 | ·10 | ·20 | ·08 | — | ·04 | — | ·07 | — | ·17 | ·21 | — | ·03 | | 24 |
| 25 | — | ·34 | — | — | — | — | — | ·11 | ·05 | ·03 | — | ·01 | | 25 |
| 26 | — | ·29 | ·05 | — | ·44 | — | — | — | — | — | — | ·07 | | 26 |
| 27 | — | ·27 | — | — | — | — | — | — | — | ·20 | — | ·04 | | 27 |
| 28 | — | ·26 | — | — | — | ·03 | — | — | — | ·16 | — | — | | 28 |
| 29 | — | × | — | — | ·01 | ·05 | — | — | — | ·03 | ·14 | — | | 29 |
| 30 | ·03 | ✕ | — | — | — | ·34 | — | ·50 | — | ·13 | ·58 | ·01 | | 30 |
| 31 | ·28 | ✕ | — | ✕ | — | ✕ | — | ·06 | ✕ | ·20 | ✕ | — | | 31 |
| TOTAL | 3·06 | 5·01 | 1·11 | 2·04 | 2·33 | 1·53 | 2·29 | 2·27 | 1·28 | 1·80 | 2·17 | 2·88 | Year's Total<br>27·77 | ✓ ✓ |
| * Days with .01 in. or more. | 20 | 25 | 14 | 14 | 17 | 14 | 17 | 13 | 11 | 11 | 8 | 20 | 184 | ✓ ✓ |
| * Days with .04 in. or more. | 13 | 22 | 12 | 11 | 13 | 6 | 11 | 10 | 8 | 8 | 6 | 15 | 135 | ✓ ✓ |

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) F E Button [P.T.O.

Acting City Engineer.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 2840

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1938

*Kept at* HEATON PARK MANCHESTER

*in the County of* LANCASTER

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 312 ft.

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | - | ·02 | - | - | - | 1·12 | - | ·06 | - | ·27 | ·18 | ·38 | | 1 |
| 2 | ·02 | ·02 | - | ·33 | - | ·40 | - | - | - | ·63 | ·01 | ·11 | | 2 |
| 3 | ·01 | - | - | ·02 | - | ·02 | ·10 | - | ·25 | ·97 | ·19 | ·02 | | 3 |
| 4 | ·01 | - | - | ·08 | - | ·01 | ·26 | ·04 | - | ·15 | ·10 | ·86 | | 4 |
| 5 | ·05 | ·02 | - | ·01 | - | ·06 | ·02 | - | ·09 | ·56 | - | ·04 | | 5 |
| 6 | ·18 | - | - | - | - | ·05 | ·35 | - | ·44 | ·22 | - | ·01 | | 6 |
| 7 | ·26 | - | - | - | - | - | ·43 | ·04 | ·22 | ·16 | - | - | | 7 |
| 8 | ·59 | ·03 | - | - | - | - | ·15 | - | - | ·71 | - | ·30 | | 8 |
| 9 | ·01 | ·30 | ·11 | - | - | ·41 | ·13 | - | - | ·18 | - | ·15 | | 9 |
| 10 | ·02 | ·03 | - | - | - | - | ·56 | - | - | ·43 | - | ·04 | | 10 |
| 11 | ·20 | ·05 | - | - | ·05 | ·03 | ·20 | 1·10 | ·01 | ·23 | ·09 | ·04 | | 11 |
| 12 | ·10 | - | - | - | ·14 | - | - | ·07 | - | 1·15 | ·32 | ·01 | | 12 |
| 13 | ·01 | - | - | - | ·01 | - | ·04 | - | ·09 | ·22 | ·16 | ·33 | | 13 |
| 14 | ·24 | - | - | - | ·07 | - | ·12 | - | ·05 | ·09 | - | - | | 14 |
| 15 | ·26 | - | - | - | ·04 | - | ·46 | ·33 | - | - | - | ·19 | | 15 |
| 16 | ·53 | - | ·04 | - | ·15 | - | ·04 | ·09 | - | ·04 | ·11 | ·13 | | 16 |
| 17 | - | - | - | - | ·34 | - | ·11 | ·12 | ·03 | ·51 | ·03 | ·02 | | 17 |
| 18 | ·04 | - | - | - | ·10 | ·09 | - | ·43 | - | ·37 | ·21 | - | | 18 |
| 19 | - | - | - | - | - | - | - | ·19 | ·01 | - | ·04 | - | | 19 |
| 20 | ·23 | - | ·01 | - | - | - | - | - | ·03 | - | ·47 | - | | 20 |
| 21 | - | - | ·04 | - | - | - | - | ·01 | ·01 | - | ·07 | - | | 21 |
| 22 | - | - | - | ·03 | ·05 | ·26 | - | - | - | - | ·24 | ·05 | | 22 |
| 23 | - | - | - | - | ·10 | ·34 | - | - | ·06 | - | ·47 | - | | 23 |
| 24 | ·25 | ·12 | ·19 | - | ·05 | ·09 | ·05 | ·39 | ·02 | ·02 | ·22 | - | | 24 |
| 25 | - | ·37 | ·05 | - | - | ·04 | ·19 | ·08 | - | ·51 | ·70 | ·01 | | 25 |
| 26 | ·15 | ·28 | ·24 | - | ·09 | ·26 | - | ·02 | ·03 | ·30 | ·12 | ·12 | | 26 |
| 27 | ·49 | ·09 | - | - | ·42 | ·16 | ·10 | ·33 | ·04 | - | ·32 | - | | 27 |
| 28 | ·11 | ·05 | ·11 | - | ·09 | ·67 | ·10 | ·27 | ·05 | ·03 | - | ·15 | | 28 |
| 29 | ·19 | / | ·11 | - | 1·26 | ·17 | ·17 | - | - | ·11 | ·05 | ·42 | | 29 |
| 30 | ·32 | ✕ | - | - | ·06 | ·07 | - | - | ·34 | - | ·12 | ·02 | | 30 |
| 31 | ·24 | ✕ | ·02 | ✕ | ·38 | ✕ | - | - | ✕ | ·47 | ✕ | 1·02 | | 31 |
| TOTAL | 4·51 | 1·38 | ·92 | ·47 | 3·40 | 4·25 | 3·58 | 3·57 | 1·77 | 8·33 | 4·22 | 4·42 | Year's Total 40·82 | ✓ |
| * Days with .01 in. or more. | 24 | 12 | 10 | 5 | 17 | 18 | 19 | 16 | 17 | 23 | 21 | 22 | 204 | ✓ |
| * Days with .04 in. or more. | 18 | 7 | 8 | 2 | 16 | 15 | 18 | 14 | 10 | 21 | 19 | 16 | 164 | ✓ |

† Spare column, no entries required.

(*Signed*) F.E. Button

City Engineer.

[P.T.O.

* See Instruction 3 (f) on other side.

COPY FOR OFFICIAL USE

**Section** **A** for the entry of Daily Observations

Station No. 2840

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

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# REGISTER OF RAINFALL IN 1939

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Diameter of Funnel of Gauge 8 in.
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,, Ground ,, Sea Level 312 ft.

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·20 | – | ·06 | ·22 | – | – | – | – | ·05 | – | – | ·19 | | 1 |
| 2 | ·03 | – | – | ·17 | – | – | ·33 | ·23 | ·66 | – | ·06 | ·18 | | 2 |
| 3 | – | – | – | ·16 | – | – | – | ·05 | – | – | ·05 | ·75 | | 3 |
| 4 | – | – | ·27 | ·21 | ·02 | – | ·37 | – | – | ·07 | ·05 | 1·16 | | 4 |
| 5 | – | – | – | ·01 | ·40 | – | ·20 | ·06 | – | ·12 | ·29 | ·03 | | 5 |
| 6 | 1·05 | ·26 | – | – | – | – | ·50 | – | – | – | ·05 | – | | 6 |
| 7 | ·15 | ·18 | ·04 | – | ·02 | – | ·25 | – | – | – | ·08 | ·60 | | 7 |
| 8 | ·31 | ·10 | ·20 | ·02 | – | – | ·68 | ·22 | – | ·24 | ·13 | ·30 | | 8 |
| 9 | ·13 | ·41 | – | – | – | – | – | ·50 | – | ·35 | ·02 | ·51 | | 9 |
| 10 | ·06 | ·02 | ·04 | – | – | ·14 | – | ·43 | ·37 | ·22 | ·06 | ·06 | | 10 |
| 11 | ·32 | ·17 | ·16 | – | – | ·15 | – | – | – | ·06 | – | – | | 11 |
| 12 | ·19 | ·07 | – | – | – | ·07 | – | – | – | – | – | – | | 12 |
| 13 | ·50 | – | – | ·33 | ·13 | ·15 | ·06 | – | ·05 | ·01 | – | – | | 13 |
| 14 | ·55 | – | – | ·01 | ·52 | ·38 | ·28 | – | – | ·03 | ·25 | – | | 14 |
| 15 | ·09 | ·04 | ·01 | ·67 | ·03 | ·93 | ·10 | – | – | – | ·10 | – | | 15 |
| 16 | ·06 | – | ·01 | ·01 | ·30 | – | ·28 | – | – | ·03 | ·14 | – | | 16 |
| 17 | ·80 | ·26 | – | – | ·07 | ·09 | – | – | – | ·13 | ·09 | – | | 17 |
| 18 | ·02 | ·22 | ·02 | – | – | ·22 | ·38 | – | – | – | ·84 | – | | 18 |
| 19 | ·23 | – | – | – | – | – | ·36 | – | – | – | – | – | | 19 |
| 20 | ·05 | – | ·07 | – | – | ·22 | ·86 | ·14 | – | – | – | – | | 20 |
| 21 | ·05 | ·06 | ·42 | ·16 | ·15 | – | – | ·05 | ·03 | – | – | – | | 21 |
| 22 | ·04 | ·19 | ·16 | ·17 | ·04 | – | ·06 | – | – | – | ·64 | – | | 22 |
| 23 | – | ·51 | ·01 | ·27 | – | – | ·15 | – | – | ·35 | ·18 | ·06 | | 23 |
| 24 | – | ·11 | – | ·02 | – | – | ·03 | – | – | ·03 | ·04 | – | | 24 |
| 25 | ·04 | ·13 | – | ·01 | – | – | – | – | – | – | 1·18 | ·05 | | 25 |
| 26 | – | ·09 | – | – | – | – | – | ·42 | – | ·07 | ·27 | – | | 26 |
| 27 | – | 1·47 | ·05 | – | – | ·39 | ·10 | ·10 | – | ·03 | ·25 | – | | 27 |
| 28 | – | ·09 | ·14 | ·05 | – | ·12 | ·60 | – | – | – | ·80 | – | | 28 |
| 29 | – | – | – | – | – | – | 1·32 | – | – | ·09 | ·18 | – | | 29 |
| 30 | – | ✕ | – | – | – | ·13 | ·20 | – | – | – | ·26 | – | | 30 |
| 31 | – | ✕ | – | ✕ | – | ✕ | ·10 | ·02 | ✕ | – | ✕ | – | | 31 |
| TOTAL | 4·87 | 4·38 | 1·66 | 2·49 | 1·68 | 2·99 | 7·21 | 2·22 | 1·16 | 1·83 | 6·01 | 3·89 | Year's Total 40·39 | |
| * Days with .01 in. or more. | 20 | 18 | 15 | 16 | 10 | 12 | 21 | 11 | 5 | 15 | 23 | 11 | 177 | |
| * Days with .04 in. or more. | 18 | 17 | 11 | 10 | 7 | 12 | 20 | 10 | 4 | 10 | 22 | 10 | 151 | |

† Spare column, no entries required.

(*Signed*) S. E. Button City Engineer

* See Instruction 3 (f) on other side.

P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

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Supers

Jan & Feb apportioned

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | — | — | — | ·23 | — | — | — | — | — | — | ·34 | ·21 | | 1 |
| 2 | — | — | — | ·23 | — | — | ·07 | — | — | — | ·32 | ·29 | | 2 |
| 3 | ·10 | (~~·76~~) | — | ·15 | — | — | ·24 | — | — | ·10 | ·05 | ·15 | | 3 |
| 4 | — | ·11 | — | — | — | — | ·03 | — | — | ·18 | ·23 | ·29 | | 4 |
| 5 | — | — | — | — | ·20 | — | ·08 | — | — | ·39 | — | ·33 | | 5 |
| 6 | ·05 | ·26 | — | — | — | — | ·04 | — | — | ·59 | ·01 | ·10 | | 6 |
| 7 | ·06 | ·17 | — | ·21 | ·06 | — | ·03 | ·25 | ·11 | — | — | — | | 7 |
| 8 | — | — | — | ·04 | — | — | — | ·03 | — | ·24 | — | ·35 | | 8 |
| 9 | — | — | ·24 | — | — | — | ·94 | ·39 | ·34 | ·39 | 1·29 | ·35 | | 9 |
| 10 | — | — | ·01 | — | — | — | ·47 | ·20 | ·03 | ·16 | ·39 | ·45 | | 10 |
| 11 | — | — | ·10 | ·05 | — | ·08 | ·04 | — | — | — | 1·35 | — | | 11 |
| 12 | — | — | ·49 | — | — | — | ·08 | ·05 | ·45 | — | ·36 | — | | 12 |
| 13 | — | — | ·15 | — | — | — | — | ·07 | ·45 | — | ·04 | ·08 | | 13 |
| 14 | — | — | — | ·16 | ·25 | — | ·65 | — | ·06 | — | ·12 | ·36 | | 14 |
| 15 | — | — | — | ·13 | ·03 | ·03 | — | — | — | — | ·04 | ·03 | | 15 |
| 16 | — | — | ·20 | ·09 | — | — | ·48 | — | 1·22 | ·48 | ·05 | ·11 | | 16 |
| 17 | — | — | ·61 | ·03 | ·65 | — | ·53 | — | ·14 | — | ·51 | ·02 | | 17 |
| 18 | — | — | ·19 | ·28 | — | — | — | ·33 | ·16 | — | — | ·25 | | 18 |
| 19 | — | ·56 | ·15 | ·02 | — | — | ·37 | — | ·28 | — | ·41 | — | | 19 |
| 20 | — | — | — | ·23 | — | — | ·45 | ·31 | ·14 | ·16 | ·05 | — | | 20 |
| 21 | — | — | ·14 | — | — | ·46 | ·02 | ·03 | ·04 | — | ·66 | — | | 21 |
| 22 | — | ·05 | ·12 | — | ·24 | ·08 | — | ·09 | ·54 | — | — | — | | 22 |
| 23 | — | ·20 | ·06 | ·15 | ·02 | — | — | — | ·12 | — | ·16 | — | | 23 |
| 24 | ·37 | ·01 | — | — | — | — | — | — | ·03 | — | — | — | | 24 |
| 25 | — | — | — | — | — | ·05 | ·05 | — | — | — | — | ·02 | | 25 |
| 26 | ·09 | — | ·11 | — | ·04 | ·09 | ·18 | — | — | — | ·04 | — | | 26 |
| 27 | ·03 | ·52 | — | ·04 | — | — | ·56 | — | — | — | ·11 | — | | 27 |
| 28 | — 4 | ·20 | — | — | ·23 | — | — | ·12 | — | — | — | — | | 28 |
| 29 | (·76) | — | ·23 | — | — | ·33 | ·07 | — | — | ·04 | — | ·63 | | 29 |
| 30 | — | ✕ | — | — | — | — | — | — | — | ·33 | — | ·18 | | 30 |
| 31 | — 4 | ✕ | ·15 | ✕ | — | ✕ | — | ·07 | ✕ | ·75 | ✕ | — | | 31 |
| TOTAL | 1·46<br>~~·70~~ | 2·08<br>~~2·84~~ | 2·95 | 2·04 | 1·72 | 1·12 | 5·38 | 1·94 | 4·11 | 3·81 | 6·53 | 4·20 | Year's Total<br>37·34 | |
| * Days with .01 in. or more. | 9 ~~6~~ | 10 | 15 | 15 | 9 | 7 | 20 | 12 | 15 | 12 | 20 | 18 | ~~159~~ | 162 |
| * Days with .04 in. or more. | 7 ~~5~~ | 9 | 14 | 13 | 7 | 6 | 17 | 10 | 13 | 12 | 19 | 15 | 14~~0~~2 | |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) S. Button

City Engineer

[P.T.O.

2841

FORM 1090. **B** M
S

*** **The following register of mor
&c., is NOT required if daily
values are given on the other**

2841

HEATON PARK RESERVOIR
1931 — 40

780501

**and also the space for**

egister should be sent:—

## RAINFALL IN 193

At Heaton Park Res

In the County of S Lanc

Rain Gauge
Diameter of Funnel 5
*Height of Top above Ground* 1 *ft*
*Height of Ground above Sea Level*

in Summer

Direction from gauge

Direction from gauge

| Month. | Total Depth. | Greatest Fall in 24 hours. | | | |
|---|---|---|---|---|---|
| | Inches. | Inches. | Date. | | |
| JAN. | 5.47 | | | | |
| FEB. | 5.17 | | | | |
| MAR. | ·27 | | | | |
| APRIL | 3.26 | | | | |
| MAY | 2.61 | | | | |
| JUNE | 5.29 | | | | |
| JULY | 5.89 | | | | |
| AUG. | 6.16 | | | | |
| SEPT. | 3.19 | | | | |
| OCT. | 2.18 | | | | |
| NOV. | 6.675 | | | | |
| DEC. | 2.035 | | | | |
| Total | 48.20 | | | | |

Directions from gauge ..

*Signature*

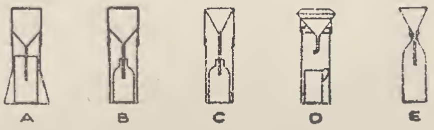
*See Instruction 2 (*f*) below.

**If gauge has been moved during the year state—**

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



**If you know of any record of rainfall** not quoted in **British Rainfall,** please give the observer's name and address:—

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

## D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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2841

FORM 1090. **B** Summary.

*,* **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

## RAINFALL IN 1931

At Heaton Park Reservoir

In the County of S Lancs

Rain Gauge
Diameter of Funnel 5 in.
*Height of Top above Ground* 1 *ft* – *in.*
*Height of Ground above Sea Level* 355 *ft.*

| Month. | Total Depth. | Greatest Fall in 24 hours. | | Number of Days with | |
|---|---|---|---|---|---|
| | | | | ·01 in or more | ·04 in. or more |
| | Inches. | Inches. | Date. | * | * |
| JAN. | 5.47 | | | | |
| FEB. | 5.17 | | | | |
| MAR. | ·27 | | | | |
| APRIL | 3.26 | | | | |
| MAY | 2.61 | | | | |
| JUNE | 5.29 | | | | |
| JULY | 5.89 | | | | |
| AUG. | 6.16 | | | | |
| SEPT. | 3.19 | | | | |
| OCT. | 2.18 | | | | |
| NOV. | 6.675 | | | | |
| DEC. | 2.035 | | | | |
| Total | 48.20 | | | | |

*Signature*..............................

*See Instruction 2 (*f*) below.

**Every observer is requested to fill in this section and also the space for notes as far as possible:—**

Name and Address to which any inquiry relating to this register should be sent:—

..............................

..............................

Hour of observation by the clock—in Winter.............. in Summer..............

Nearest Railway Station.............. Distance.............. Direction from gauge..............

Nearest Parish Church at.............. Distance.............. Direction from gauge..............

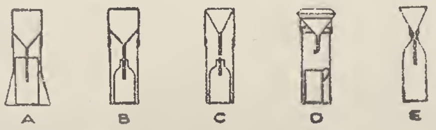
| | | | | |
|---|---|---|---|---|
| Nature of objects nearest to gauge | | | | |
| Heights of objects | | | | |
| Distances .. | | | | |
| Directions from gauge .. | | | | |

**If gauge has been moved during the year state—**

Date of move.............. Distance.............. Direction..............

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



**If you know of any record of rainfall** not quoted in **British Rainfall**, please give the observer's name and address:—

..............................

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

## D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at* 9 *a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following* 9 *a.m. on January 1st; it is therefore the amount measured on January 2nd.* 9 *a.m. Greenwich Mean Time is* 10 *a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

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(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02, *or* 0·3.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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2841

FORM 1090.

## B Monthly Summary.

*** **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

Longendale & Service Reservoirs

**RAINFALL IN 1932.**

At Heaton Park Reservoir

In the County of Lancs.

Rain Gauge
- Diameter of Funnel ........ in.
- *Height of Top above Ground* ........ *ft* ........ *in.*
- *Height of Ground above Sea Level* 355 *ft.*

| Month. | Total Depth. | Greatest Fall in 24 hours. | | Number of Days with | |
|---|---|---|---|---|---|
| | | | | ·01 in or more | ·04 in. or more |
| | Inches. | Inches. | Date. | * | * |
| JAN. | 4·54 | | | | |
| FEB. | ·07 | | | | |
| MAR. | 2·47 | | | | |
| APRIL | 3·28 | | | | |
| MAY | 4·705 | | | | |
| JUNE | ·655 | | | | |
| JULY | 4·475 | | | | |
| AUG. | 1·18 | | | | |
| SEPT. | 4·60 | | | | |
| OCT. | 7·45 | | | | |
| NOV. | 2·94 | | | | |
| DEC. | 1·80 | | | | |
| Total | 38·165 | | | | |

*Signature* Manchester Corp t, W.W

*See Instruction 2 (*f*) below.

## C Particulars of Station.

**Every observer is requested to fill in this section and also the space for notes as far as possible:—**

Name and Address to which any inquiry relating to this register should be sent:—

Copy by B.R.O.

Hour of observation by the clock—in Winter ........ in Summer ........

Nearest Railway Station ........ Distance ........ Direction from gauge ........

Nearest Parish Church at ........ Distance ........ Direction from gauge ........

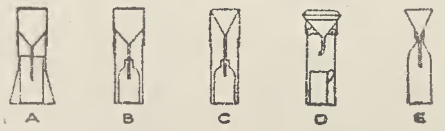
| | | | | |
|---|---|---|---|---|
| Nature of objects nearest to gauge | | | | |
| Heights of objects | | | | |
| Distances .. | | | | |
| Directions from gauge .. | | | | |

**If gauge has been moved during the year state—**

Date of move ........ Distance ........ Direction ........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



**If you know of any record of rainfall** not quoted in **British Rainfall**, please give the observer's name and address:—

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

## D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

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(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

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(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

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2841

FORM 1090.

## B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

### RAINFALL IN 1933

At Prestwich, Heaton Park Res.

In the County of S. Lancashire

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 355 *ft.*

| Month. | Total Depth. | Greatest Fall in 24 hours. | | Number of Days with | |
|---|---|---|---|---|---|
| | | | | ·01 in. or more | ·04 in. or more |
| | Inches | Inches | Date. | * | * |
| JAN. | 2·245 | | | | |
| FEB. | 2·99 | | | | |
| MAR. | 2·89 | | | | |
| APRIL | 1·56 | | | | |
| MAY | 1·585 | | | | |
| JUNE | 1·86 | | | | |
| JULY | 3·165 | | | | |
| AUG. | 1·70 | | | | |
| SEPT. | 1·91 | | | | |
| OCT. | 4·96 | | | | |
| NOV. | 1·60 | | | | |
| DEC. | ·63 | | | | |
| Total | 27·095 | | | | |

*Signature* Manchester Corpn. W.W.

*See Instruction 2 (*f*) below.

## C Particulars of Station.

**Every observer is requested to fill in this section and also the space for notes as far as possible:—**

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter ........ in Summer ........

Nearest Railway Station ........ Distance ........ Direction from gauge ........

Nearest Parish Church at ........ Distance ........ Direction from gauge ........

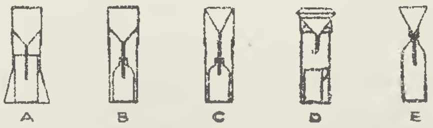
| | | | | |
|---|---|---|---|---|
| Nature of objects nearest to gauge | | | | |
| Heights of objects | | | | |
| Distances .. | | | | |
| Directions from gauge .. | | | | |

**If gauge has been moved during the year state—**

Date of move ........ Distance ........ Direction ........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



**If you know of any record of rainfall** not quoted in **British Rainfall**, please give the observer's name and address:—

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

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(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(506) Wt.24107/1845 15000 3/33. Gp. 119/110.

FORM 1090.

2844

## B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

### RAINFALL IN 1934

At Heaton Park Reservoir

In the County of Lancashire

Rain Gauge
Diameter of Funnel 5 in.
*Height of Top above Ground* 1 *ft* 0 *in.*
*Height of Ground above Sea Level* 355 *ft.*

| Month. | Total Depth. | Greatest Fall in 24 hours. | | Number of Days with ·01 in. or more | Number of Days with ·04 in. or more |
|---|---|---|---|---|---|
| | Inches | Inches | Date. | * | * |
| JAN. | 3·05 | | | | |
| FEB. | ·43 | | | | |
| MAR. | 2·45 | | | | |
| APRIL | 2·03 | | | | |
| MAY | 2·43 | | | | |
| JUNE | 2·03 | | | | |
| JULY | 2·29 | | | | |
| AUG. | 3·14 | | | | |
| SEPT. | 3·09 | | | | |
| OCT. | 4·32 | | | | |
| NOV. | 1·95 | | | | |
| DEC. | 5·50 | | | | |
| Total | 32·71 | | | | |

✓

*Signature*..........

*See Instruction 2 (*f*) below.

## C Particulars of Station.

**Every observer is requested to fill in this section and also the space for notes as far as possible:—**

Name and Address to which any inquiry relating to this register should be sent:—

..........

..........

Hour of observation by the clock—in Winter.......... in Summer..........

Nearest Railway Station.......... Distance.......... Direction from gauge..........

Nearest Parish Church at.......... Distance.......... Direction from gauge..........

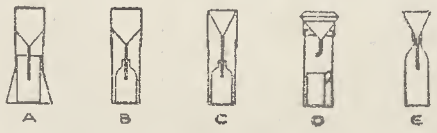
| | | | | |
|---|---|---|---|---|
| Nature of objects nearest to gauge | | | | |
| Heights of objects | | | | |
| Distances .. | | | | |
| Directions from gauge .. | | | | |

**If gauge has been moved during the year state—**

Date of move.......... Distance.......... Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



**If you know of any record of rainfall** not quoted in **British Rainfall**, please give the observer's name and address:—

..........

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Copied from Manchester Corpn. Sheet

## D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 | 18 | }·14 | would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(457) Wt.9673/738 16000 8/32. Gp. 119/110.

2841

FORM 1090.

## B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

### RAINFALL IN 1935..

At Heaton Park Reservoir

In the County of ~~Cheshire~~ S. Lancs.

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 355 *ft.*

| Month | Total Depth | Greatest Fall in 24 hours | | Number of Days with | |
|---|---|---|---|---|---|
| | | | | ·01 in. or more | ·04 in. or more |
| | Inches | Inches | Date | * | * |
| JAN. | 1·97 | | | 12 | 9 |
| FEB. | 4·38 | | | 20 | 16 |
| MAR. | 1·56 | | | 11 | 6 |
| APRIL | 2·64 | | | 16 | 15 |
| MAY | ·85 | | | 8 | 5 |
| JUNE | 3·86 | | | 21 | 18 |
| JULY | 1·94 | | | 12 | 8 |
| AUG. | 1·72 | | | 8 | 6 |
| SEPT. | 6·15 | | | 21 | 21 |
| OCT. | 8·23 | | | 25 | 22 |
| NOV. | 4·77 | | | 21 | 21 |
| DEC. | 3·55 | | | 19 | 16 |
| TOTAL | 41·62 | | | 194 | 163 |

*Signature* Copied from Manchester Corpn. returns

*See Instruction 2 *(f)* below.

## C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

........................................

........................................

Hour of observation by the clock—in Winter.................in Summer.................

Nearest Railway Station.................. Distance.................Direction from gauge.................

Nearest Parish Church at.................. Distance.................Direction from gauge.................

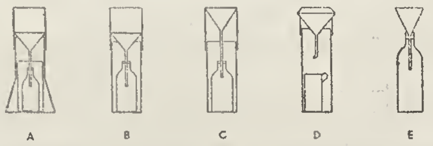
| | | | | |
|---|---|---|---|---|
| Nature of objects nearest to gauge | | | | |
| Height of objects | | | | |
| Distances ... | | | | |
| Directions from gauge ... | | | | |

**If gauge has been moved during the year state—**

Date of move.................. Distance.................. Direction..................

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



**If you know of any record of rainfall** not quoted in **British Rainfall,** please give the observer's name and address :—

........................................

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

- (a) It is known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?

## D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\begin{matrix}17\\18\end{matrix}\left.\right\}·14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

2841.

FORM 1090.

## B Monthly Summary.

* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

### RAINFALL IN 1936

At Heaton Park

In the County ~~of~~ Lancs ~~Cheshire~~

Rain Gauge
Diameter of Funnel 5 in.
*Height of Top above Ground* 1 *ft.* 0 *in.*
*Height of Ground above Sea Level* 355 *ft.*

| Month | Total Depth | Greatest Fall in 24 hours | | Number of Days with ·01 in. or more | Number of Days with ·04 in. or more |
|---|---|---|---|---|---|
| | Inches | Inches | Date | * | * |
| JAN. | 3·79 | | | 25 | 18 |
| FEB. | 1·73 | | | 15 | 11 |
| MAR. | 2·18 | | | 16 | 10 |
| APRIL | 1·05 | | | 16 | 10 |
| MAY | ·70 | | | 6 | 5 |
| JUNE | 3·25 | | | 17 | 11 |
| JULY | 3·70 | | | 22 | 18 |
| AUG. | 2·43 | | | 13 | 10 |
| SEPT. | 5·42 | | | 16 | 15 |
| OCT. | 4·51 | | | 16 | 14 |
| NOV. | 5·13 | | | 19 | 16 |
| DEC. | 3·16 | | | 22 | 17 |
| TOTAL | 37·05 ✓ ✓ | | | 202<br>3 ✓ | 155 ✓ |

*Signature* Manchester Corp. W-W.

*See Instruction 2 *(f)* below.

## C Particulars of Station,

**Every observer is requested to fill in this section and also the space for notes as far as possible :—**

Name and Address to which any inquiry relating to this register should be sent :—

COPY BY B.R.O.

Hour of observation by the clock—in Winter……in Summer……

Nearest Railway Station…… Distance…… Direction from gauge……

Nearest Parish Church at…… Distance…… Direction from gauge……

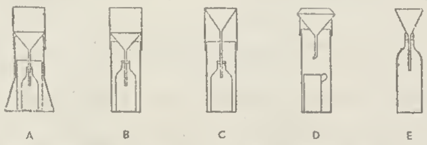
| | | | | |
|---|---|---|---|---|
| Nature of objects nearest to gauge | | | | |
| Height of objects | | | | |
| Distances … | | | | |
| Directions from gauge … | | | | |

**If gauge has been moved during the year state –**

Date of move…… Distance…… Direction……

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



**If you know of any record of rainfall** not quoted in **British Rainfall,** please give the observer's name and address :—

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

## D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
*9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

✓

FORM 1090.

## B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

### RAINFALL IN 1937

At Heaton Park Res.

In the County of S. Lancashire

Rain Gauge
- Diameter of Funnel........................in.
- *Height of Top above Ground.........ft............in.*
- *Height of Ground above Sea Level.................ft.*

| Month | Total Depth | Greatest Fall in 24 hours | | Number of Days with ·01 in. or more | Number of Days with ·04 in. or more |
|---|---|---|---|---|---|
| | Inches | Inches | Date | * | * |
| JAN. | 3·27 | | | 22 | 13 |
| FEB. | 5·04 | | | 25 | 22 |
| MAR. | 1·41 | | | 21 | 13 |
| APRIL | 2·57 | | | 17 | 15 |
| MAY | 2·36 | | | 18 | 14 |
| JUNE | 1·74 | | | 15 | 9 |
| JULY | 2·31 | | | 15 | 12 |
| AUG. | 2·03 | | | 15 | 9 |
| SEPT. | 1·43 | | | 14 | 9 |
| OCT. | 1·92 | | | 12 | 7 |
| NOV. | 2·06 | | | 9 | 6 |
| DEC. | 2·66 | / | | 20 | 12 |
| TOTAL | 28·80 ✓ | ✓ | | 203 ✓ | 141 ✓ |

*Signature* ........................................

* See Instruction 3 *(f)* below.

~~2839~~
2841

## C Particulars of Station.

Copy by B.R.O.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

..........................................................................................

..........................................................................................

Hour of observation by the clock—in Winter........................in Summer...............

Nearest Railway Station............................ Distance.................. Direction from gauge............

Nearest Parish Church at............................ Distance.................. Direction from gauge............

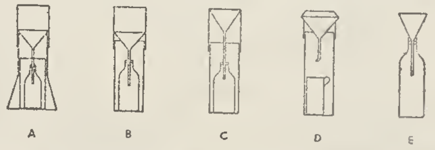
| | | | | |
|---|---|---|---|---|
| Nature of objects nearest to gauge | | | | |
| Height of objects | | | | |
| Distances ... | | | | |
| Directions from gauge ... | | | | |

**If gauge has been moved during the year state—**

Date of move.............................................. Distance.............. Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



**If you know of any record of rainfall** not quoted in **British Rainfall,** please give the observer's name and address :—

..........................................................................................

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

## D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

*9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

- (A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
- (B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

Form 1090.

2841

## B Monthly Summary.

● The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

### RAINFALL IN 193 8

At Heaton Park Res

In the County of S. Lancashire

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* *in.*
- *Height of Ground above Sea Level* 355 *ft.*

| Month | Total Depth | Greatest Fall in 24 hours | | Number of Days with | |
|---|---|---|---|---|---|
| | | | | ·01 in. or more | ·04 in. or more |
| | Inches | Inches | Date | * | * |
| Jan. | 4·99 | | | 23 | 18 |
| Feb. | 1·63 | | | 13 | 7 |
| Mar. | 1·05 | | | 9 | 8 |
| April | ·59 | | | 6 | 3 |
| May | 3·68 | | | 16 | 14 |
| June | 4·63 | | | 19 | 15 |
| July | 3·66 | | | 20 | 16 |
| Aug. | 4·15 | | | 17 | 13 |
| Sept. | 2·01 | | | 16 | 11 |
| Oct. | 9·03 | | | 25 | 21 |
| Nov. | 4·44 | | | 21 | 20 |
| Dec. | 4·48 | | | 23 | 18 |
| Total | 44·34 ✓ | | | 208 ✓ | 164 ✓ |

*Signature* ........................................

* See Instruction 3 *(f)* below.

## C Particulars of Station.

**Every observer is requested to fill in this section and also the space for notes as far as possible :—**

Name and Address to which any inquiry relating to this register should be sent :—

Copy by B.R.O.

Hour of observation by the clock—in Winter.................in Summer.................

Nearest Railway Station.................. Distance.......... Direction from gauge..........

Nearest Parish Church at.................. Distance.......... Direction from gauge..........

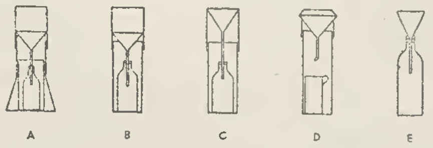
| | | | | |
|---|---|---|---|---|
| Nature of objects nearest to gauge | | | | |
| Height of objects | | | | |
| Distances ... | | | | |
| Directions from gauge ... | | | | |

**If gauge has been moved during the year state—**

Date of move.................................. Distance.............. Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



**If you know of any record of rainfall** not quoted in **British Rainfall**, please give the observer's name and address :—

..........................................................................................

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

## D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

*9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005 ; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

FORM 1090.

2841

## B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

### RAINFALL IN 1939

At Heaton Park Res.

In the County of S. Lancashire

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 355 *ft.*

| Month | Total Depth | Greatest Fall in 24 hours | | Number of Days with | |
|---|---|---|---|---|---|
| | | | | 01 in. or more | ·04 in. or more |
| | Inches | Inches | Date | * | * |
| JAN. | 4.95 | | | 23 | 21 |
| FEB. | 4.23 | | | 17 | 14 |
| MAR. | 1.83 | | | 19 | 12 |
| APRIL | 2.74 | | | 16 | 9 |
| MAY | 1.54 | | | 9 | 7 |
| JUNE | 3.00 | | | 13 | 10 |
| JULY | 7.13 | | | 23 | 20 |
| AUG. | 2.52 | | | 14 | 11 |
| SEPT. | 1.09 | | | 5 | 3 |
| OCT. | 1.69 | | | 12 | 7 |
| NOV. | 5.84 | | | 25 | 20 |
| DEC. | 3.95 | | | 11 | 9 |
| TOTAL | 40.51 | | | 187 | 143 |

*Signature* Per Manchester W.W.ks.

* See Instruction 3 *(f)* below.

## C Particulars of Station.

Copy by B.R.O.

**Every observer is requested to fill in this section and also the space for notes as far as possible :—**

Name and Address to which any inquiry relating to this register should be sent :—

Hour of observation by the clock—in Winter ............ in Summer ............

Nearest Railway Station ............ Distance ............ Direction from gauge ............

Nearest Parish Church at ............ Distance ............ Direction from gauge ............

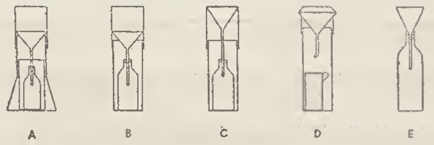
| | | | | |
|---|---|---|---|---|
| Nature of objects nearest to gauge | | | | |
| Height of objects | | | | |
| Distances ... | | | | |
| Directions from gauge ... | | | | |

**If gauge has been moved during the year state—**

Date of move ............ Distance ............ Direction ............

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



**If you know of any record of rainfall** not quoted in **British Rainfall,** please give the observer's name and address :—

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

## D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

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(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

*9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

FORM 1090.

## B Monthly Summary.

## C Particulars of Station.

2841. ✓

*The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

### RAINFALL IN 19~~3~~40

At Heaton Park Res.

In the County of S. Lancashire

Rain Gauge
Diameter of Funnel 5 in.
*Height of Top above Ground* 1 *ft.* 0 *in.*
*Height of Ground above Sea Level* 355 *ft.*

| Month | Total Depth | Greatest Fall in 24 hours | | Number of Days with | |
|---|---|---|---|---|---|
| | | | | ·01 in. or more | ·04 in. or more |
| | Inches | Inches | Date | * | * |
| JAN. | 1·51 | | | 9 | 7 |
| FEB. | 2·15 | | | 17 | 10 |
| MAR. | 3·01 | | | 21 | 12 |
| APRIL | 2·13 | | | 18 | 12 |
| MAY | 1·57 | | | 11 | 8 |
| JUNE | 1·03 | | | 6 | 5 |
| JULY | 5·06 | | | 22 | 17 |
| AUG. | 1·92 | | | 13 | 12 |
| SEPT. | 4·09 | | | 18 | 13 |
| OCT. | 3·76 | | | 15 | 11 |
| NOV. | 6·93 | | | 23 | 18 |
| DEC. | 3·95 | | | 19 | 14 |
| TOTAL | 37·10 | | | 192 | 139 |

*Signature* Per Manchester W. Wks. **Copy by B.R.O.**

* See Instruction 3 *(f)* below.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

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Hour of observation by the clock—in Winter.................in Summer.................

Nearest Railway Station................ Distance................ Direction from gauge................

Nearest Parish Church at................ Distance................ Direction from gauge................

| | | | | |
|---|---|---|---|---|
| Nature of objects nearest to gauge | | | | |
| Height of objects | | | | |
| Distances ... | | | | |
| Directions from gauge ... | | | | |

**If gauge has been moved during the year state—**

Date of move................ Distance................ Direction................

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

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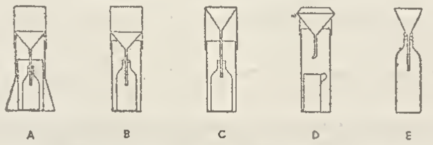

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(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{r}17\\18\end{array}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

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(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

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2842.

Section **A** for the entry c

AIR MINISTI

FORM 1090.

**REGIS**

*Kept at* Oldham

*in the County of* La

Diameter of Funnel of Gauge

Height of top of Gauge above Grou

,, Ground ,, Sea

**THE MORNING MEAS**

*An observer who does not conform t*
*year in the space on the right of t*

# 2842

## OLDHAM

1931 —— 40

7A0501

OPY FOR OFFICIAL USE.
ORGANIZATION.

*llowing*

Jan. 1, following

| *Date* | Jan. | Feb. | March | | | | | | | | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·08 | · | · | ·21 | · | ·71 | · | · | ·06 | ·05 | · | · | 1 |
| 2 | ·01 | ·11 | · | ·75 | ·04 | 1·01 | · | · | ·92 | ·01 | ·03 | ·05 | 2 |
| 3 | · | · | · | ·07 | · | ·06 | ·40 | · | ·31 | · | 1·06 | ·39 | 3 |
| 4 | · | ·07 | · | ·48 | · | · | ·13 | · | 1·31 | ·01 | ·04 | ·35 | 4 |
| 5 | · | ·06 | · | · | ·20 | ·75 | ·05 | ·71 | ·05 | · | · | ·25 | 5 |
| 6 | · | ·25 | ·02 | · | · | ·28 | ·42 | ·03 | ·34 | ·75 | ·30 | · | 6 |
| 7 | · | · | ·03 | · | · | ·35 | ·25 | ·39 | · | ·36 | ·04 | ·15 | 7 |
| 8 | ·04 | ·22 | ·03 | ·06 | ·05 | · | ·24 | ·29 | ·11 | ·07 | ·30 | ·05 | 8 |
| 9 | · | ·70 | ·03 | ·30 | · | ·15 | · | ·41 | ·02 | ·04 | ·25 | ·05 | 9 |
| 10 | ·18 | ·15 | ·03 | · | ·23 | ·33 | · | ·29 | ·15 | · | ·28 | · | 10 |
| 11 | ·65 | ·56 | · | ·03 | · | ·03 | ·12 | ·05 | ·51 | · | ·40 | · | 11 |
| 12 | ·07 | ·70 | · | · | · | · | ·77 | · | ·20 | ·21 | ·19 | · | 12 |
| 13 | · | · | ·11 | · | ·07 | · | ·16 | ·17 | · | · | · | · | 13 |
| 14 | ·18 | ·12 | · | · | ·02 | † 1·33 | ·01 | ·85 | ·04 | · | ·44 | ·01 | 14 |
| 15 | ·30 | ·25 | · | ·17 | ·11 | · | ·09 | ·79 | · | · | · | ·16 | 15 |
| 16 | ·50 | ·15 | · | ·37 | ·43 | ·62 | ·11 | ·79 | ·31 | · | · | · | 16 |
| 17 | ·04 | ·14 | · | ·17 | ·08 | ·07 | ·35 | ·83 | ·02 | · | ·12 | · | 17 |
| 18 | ·39 | ·03 | · | ·16 | · | ·60 | ·61 | ·12 | · | · | 1·00 | · | 18 |
| 19 | ·18 | ·20 | · | ·08 | · | · | ·03 | 1·06 | · | ·03 | · | · | 19 |
| 20 | ·04 | ·21 | ·02 | ·08 | · | ·06 | · | ·39 | · | · | ·05 | · | 20 |
| 21 | ·49 | ·03 | ·05 | · | ·09 | ·13 | ·01 | ·26 | · | · | ·07 | · | 21 |
| 22 | ·15 | ·22 | · | ·04 | ·12 | ·06 | ·01 | · | · | · | ·05 | · | 22 |
| 23 | ·43 | ·01 | ·05 | ·12 | ·11 | ·25 | ·40 | · | · | · | ·62 | ·20 | 23 |
| 24 | ·08 | ·32 | · | ·03 | ·88 | · | ·09 | · | · | · | ·04 | ·06 | 24 |
| 25 | ·15 | 1·06 | · | ·23 | ·02 | · | ·02 | · | · | · | ·03 | ·13 | 25 |
| 26 | ·04 | ·10 | · | ·21 | · | · | · | · | · | · | ·52 | · | 26 |
| 27 | ·56 | ·11 | · | ·03 | ·10 | · | ·21 | · | · | ·42 | ·97 | ·05 | 27 |
| 28 | ·53 | ·26 | · | ·05 | · | · | ·14 | · | ·04 | · | ·04 | ·04 | 28 |
| 29 | ·30 | × | · | ·02 | ·31 | · | ·11 | · | · | ·63 | ·08 | · | 29 |
| 30 | ·01 | × | · | ·07 | · | · | ·01 | · | ·12 | · | · | · | 30 |
| 31 | ·26 | × | · | × | ·01 | × | ·20 | · | × | ·01 | × | ·02 | 31 |
| TOTAL | 5·66 | 6·03 | ·37 | 3·73 | 2·87 | 6·79 | 4·97 | 7·43 | 4·51 | 2·61 | 6·94 | 1·96 | YEAR'S TOTAL<br>53·87 |
| *Days with ·01 in. or more. | 24 | 24 | 9 | 22 | 17 | 17 | 25 | 16 | 16 | 12 | 23 | 15 | 220 |
| *Days with ·04 in. or more. | 22 | 21 | 3 | 18 | 14 | 16 | 19 | 10 | 14 | 8 | 22 | 13 | 185 |

40-9999

M

*See Instruction 2 ( ) on other side.

— months' Highest Rainfall
† Year's " "

(Signed) Ernest Parry
commercial manager

[P.T.O.

2842.

Section **A** for the entry c… OPY FOR OFFICIAL USE.
AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1931.

*Kept at* Oldham
*in the County of* Lancaster
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 5 ft 9 in.
,, Ground ,, Sea Level 602' ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·08 | · | · | ·21 | · | ·71 | · | · | ·06 | ·05 | · | · | 1 |
| 2 | ·01 | ·11 | · | ·75 | ·04 | 1·01 | · | · | ·92 | ·01 | ·03 | ·05 | 2 |
| 3 | · | · | · | ·07 | · | ·06 | ·40 | · | ·31 | · | 1·06 | ·39 | 3 |
| 4 | · | ·07 | · | ·48 | · | · | ·13 | · | 1·31 | ·01 | ·04 | ·35 | 4 |
| 5 | · | ·06 | · | · | ·20 | ·75 | ·05 | ·71 | ·05 | · | · | ·25 | 5 |
| 6 | · | ·25 | ·02 | · | · | ·28 | ·42 | ·03 | ·34 | ·75 | ·30 | · | 6 |
| 7 | · | · | ·03 | · | · | ·35 | ·25 | ·39 | · | ·36 | ·04 | ·15 | 7 |
| 8 | ·04 | ·22 | ·03 | ·06 | ·05 | · | ·24 | ·29 | ·11 | ·07 | ·30 | ·05 | 8 |
| 9 | · | ·70 | ·03 | ·30 | · | ·15 | · | ·41 | ·02 | ·04 | ·25 | ·05 | 9 |
| 10 | ·18 | ·15 | ·03 | · | ·23 | ·33 | · | ·29 | ·15 | · | ·28 | · | 10 |
| 11 | ·65 | ·56 | · | ·03 | · | ·03 | ·12 | ·05 | ·51 | · | ·40 | · | 11 |
| 12 | ·07 | ·70 | · | · | · | · | ·77 | · | ·20 | ·21 | ·19 | · | 12 |
| 13 | · | · | ·11 | · | ·07 | · | ·16 | ·17 | · | · | · | · | 13 |
| 14 | ·18 | ·12 | · | · | ·02 | † 1·33 | ·01 | ·85 | ·04 | · | ·44 | ·01 | 14 |
| 15 | ·30 | ·25 | · | ·17 | ·11 | · | ·09 | ·79 | · | · | · | ·16 | 15 |
| 16 | ·50 | ·15 | · | ·37 | ·43 | ·62 | ·11 | ·79 | ·31 | · | · | · | 16 |
| 17 | ·04 | ·14 | · | ·17 | ·08 | ·07 | ·35 | ·83 | ·02 | · | ·12 | · | 17 |
| 18 | ·39 | ·03 | · | ·16 | · | ·60 | ·61 | ·12 | · | · | 1·00 | · | 18 |
| 19 | ·18 | ·20 | · | ·08 | · | · | ·03 | 1·06 | · | ·03 | · | · | 19 |
| 20 | ·04 | ·21 | ·02 | ·08 | · | ·06 | · | ·39 | · | · | ·05 | · | 20 |
| 21 | ·49 | ·03 | ·05 | · | ·09 | ·13 | ·01 | ·26 | · | · | ·07 | · | 21 |
| 22 | ·15 | ·22 | · | ·04 | ·12 | ·06 | ·01 | · | · | · | ·05 | · | 22 |
| 23 | ·43 | ·01 | ·05 | ·12 | ·11 | ·25 | ·40 | · | · | · | ·62 | ·20 | 23 |
| 24 | ·08 | ·32 | · | ·03 | ·88 | · | ·09 | · | · | · | ·04 | ·06 | 24 |
| 25 | ·15 | 1·06 | · | ·23 | ·02 | · | ·02 | · | · | · | ·05 | ·13 | 25 |
| 26 | ·04 | ·10 | · | ·21 | · | · | · | · | · | · | ·52 | · | 26 |
| 27 | ·56 | ·11 | · | ·03 | ·10 | · | ·21 | · | · | ·42 | ·97 | ·05 | 27 |
| 28 | ·53 | ·26 | · | ·05 | · | · | ·14 | · | ·04 | · | ·04 | ·04 | 28 |
| 29 | ·30 | × | · | ·02 | ·31 | · | ·11 | · | · | ·63 | ·08 | · | 29 |
| 30 | ·01 | × | · | ·07 | · | · | ·01 | · | ·12 | · | · | · | 30 |
| 31 | ·26 | × | · | × | ·01 | × | ·20 | · | × | ·01 | × | ·02 | 31 |
| TOTAL | 5·66 | 6·03 | ·37 | 3·73 | 2·87 | 6·79 | 4·97 | 7·43 | 4·51 | 2·61 | 6·94 | 1·96 | YEAR'S TOTAL 53·87 |
| *Days with ·01 in. or more. | 24 | 24 | 9 | 22 | 17 | 17 | 25 | 16 | 16 | 12 | 23 | 15 | 220 |
| *Days with ·04 in. or more. | 22 | 21 | 3 | 18 | 14 | 16 | 19 | 15 | 14 | 8 | 22 | 13 | 185 |

40-9999

M

— Months Highest Rainfall
† Years " "

*See Instruction 2 (f) on other side.

(Signed) Ernest Parry
Commercial Manager

[P.T.O.

Section **A** for the entry of Daily Observations.

COPY FOR OFFICIAL USE.

Station No. 2842

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1932.

*Kept at* Oldham

*in the County of* Lancaster

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 5 ft. 9 in.

,, Ground ,, Sea Level 602 ft.

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Jan. 1, following

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·35 | ·02 | · | ·28 | ·18 | · | ·22 | · | ·47 | ·35 | ·11 | ·06 | 1 |
| 2 | 1.01 | · | · | · | ·33 | · | ·04 | ·01 | 1.25 | ·21 | ·14 | ·32 | 2 |
| 3 | ·03 | · | · | · | · | · | ·35 | · | ·06 | · | · | ·17 | 3 |
| 4 | ·03 | ·02 | · | ·01 | · | · | ·06 | · | ·02 | ·04 | ·24 | ·02 | 4 |
| 5 | 1·20 | ·01 | ·17 | ·20 | ·02 | · | · | ·01 | ·09 | · | · | ·02 | 5 |
| 6 | + 1·40 | · | ·11 | ·53 | ·04 | · | ·15 | · | ·28 | · | · | · | 6 |
| 7 | ·05 | · | ·55 | ·20 | ·01 | · | · | · | ·46 | ·17 | ·02 | · | 7 |
| 8 | · | ·02 | · | ·16 | · | · | · | · | ·09 | 1·30 | ·01 | · | 8 |
| 9 | ·16 | ·12 | · | ·60 | ·04 | · | · | · | ·03 | · | ·01 | ·08 | 9 |
| 10 | ·46 | ·05 | ·02 | ·08 | ·01 | · | · | · | ·68 | ·68 | ·05 | ·16 | 10 |
| 11 | ·05 | ·01 | ·01 | ·02 | ·48 | ·27 | ·73 | · | ·16 | ·01 | ·01 | · | 11 |
| 12 | ·05 | · | · | · | ·56 | ·10 | ·29 | ·01 | ·03 | ·64 | ·03 | · | 12 |
| 13 | · | ·10 | · | ·05 | ·13 | · | ·19 | ·06 | ·32 | ·51 | ·02 | ·11 | 13 |
| 14 | ·35 | · | ·01 | ·09 | · | · | ·52 | ·13 | ·02 | ·15 | ·09 | ·04 | 14 |
| 15 | ·02 | · | · | ·02 | ·44 | · | · | · | · | ·17 | ·14 | ·09 | 15 |
| 16 | ·30 | · | · | ·10 | ·03 | · | ·10 | ·01 | · | ·12 | · | ·16 | 16 |
| 17 | · | · | · | ·01 | · | · | ·10 | ·02 | ·08 | ·49 | · | · | 17 |
| 18 | · | · | · | · | ·03 | · | · | · | ·02 | ·05 | ·02 | · | 18 |
| 19 | · | ·01 | · | ·21 | ·17 | · | · | · | · | ·31 | ·06 | · | 19 |
| 20 | · | · | · | ·23 | ·50 | · | ·06 | ·30 | · | ·19 | ·09 | · | 20 |
| 21 | · | · | ·25 | ·21 | ·44 | · | ·03 | ·35 | · | ·54 | ·15 | ·03 | 21 |
| 22 | ·03 | · | ·28 | ·11 | ·38 | · | ·07 | · | ·04 | ·09 | ·81 | ·08 | 22 |
| 23 | · | ·01 | · | ·06 | ·62 | · | ·06 | · | · | ·13 | ·13 | ·11 | 23 |
| 24 | ·03 | ·01 | · | ·03 | · | ·09 | ·21 | · | ·27 | ·03 | ·11 | ·02 | 24 |
| 25 | · | ·02 | · | ·11 | ·11 | ·02 | ·03 | · | ·19 | ·87 | ·25 | · | 25 |
| 26 | · | ·02 | · | ·22 | ·29 | ·02 | ·22 | · | ·11 | ·47 | ·18 | · | 26 |
| 27 | · | ·03 | ·30 | ·23 | ·34 | ·11 | ·38 | · | · | ·05 | ·09 | ·04 | 27 |
| 28 | · | ·01 | ·11 | ·06 | ·14 | · | ·18 | · | · | · | · | ·12 | 28 |
| 29 | ·02 | · | ·48 | ·45 | ·09 | ·05 | ·35 | ·53 | ·15 | ·84 | ·24 | ·14 | 29 |
| 30 | · | × | ·22 | ·01 | ·04 | ·32 | ·05 | ·06 | ·11 | ·07 | ·34 | ·12 | 30 |
| 31 | ·02 | × | ·12 | × | ·01 | × | ·15 | · | × | · | × | ·10 | 31 |
| TOTAL | 5·56 | ·46 | 2·63 | 4·28 | 5·43 | ·98 | 4·54 | 1.49 | 4.93 | 8·48 | 3·34 | 1·99 | YEAR'S TOTAL 44·11 |
| *Days with ·01 in. or more. | 18 | 15 | 13 | 26 | 25 | 8 | 23 | 11 | 22 | 25 | 24 | 20 | 230 |
| *Days with .04 in. or more. | 11 | 3 | 10 | 20 | 20 | 6 | 21 | 6 | 17 | 23 | 17 | 16 | 170 |

40-9999

*See Instruction 2 (f) on other side.

— Months' Highest Rainfall

+ Years' - do -

(Signed) Ernest Parry

Commercial Manager

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2842

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1933.

*Kept at* Oldham

*in the County of* Lancaster

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 5 ft 9 in.

,, Ground ,, Sea Level 602 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

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Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·08 | ·62 | · | · | · | · | · | ·01 | ·73 | · | ·28 | · | | 1 |
| 2 | ·34 | · | ·21 | ·16 | · | ·34 | · | ·02 | · | · | ·05 | · | | 2 |
| 3 | ·02 | ·31 | ·41 | · | ·52 | · | · | · | · | · | ·04 | · | | 3 |
| 4 | ·28 | ·10 | ·26 | – | ·23 | · | · | · | · | ·02 | · | · | | 4 |
| 5 | ·24 | ·16 | ·07 | · | ·11 | · | · | · | · | · | ·05 | · | | 5 |
| 6 | ·02 | ·13 | ·02 | · | ·21 | · | · | · | · | · | ·02 | ·05 | | 6 |
| 7 | ·06 | ·41 | ·17 | · | ·08 | · | · | ·03 | · | ·94 | · | ·03 | | 7 |
| 8 | ·26 | ·11 | ·11 | ·10 | ·09 | · | ·28 | ·03 | · | · | · | ·09 | | 8 |
| 9 | · | ·42 | · | ·19 | ·08 | · | ·31 | ·05 | · | ·75 | ·15 | · | | 9 |
| 10 | ·13 | ·03 | · | · | · | ·06 | ·70 | · | · | 1·05 | ·18 | · | | 10 |
| 11 | · | · | · | ·13 | · | · | ·08 | ·04 | · | ·42 | · | · | | 11 |
| 12 | ·02 | · | · | · | · | ·14 | 1·04 | · | · | ·08 | · | · | | 12 |
| 13 | · | · | ·01 | · | ·23 | ·02 | ·25 | · | · | ·21 | ·24 | · | | 13 |
| 14 | ·12 | · | ·03 | · | ·04 | · | ·32 | ·02 | · | ·07 | ·27 | · | | 14 |
| 15 | ·43 | · | ·04 | · | · | · | ·09 | ·17 | · | ·29 | ·56 | ·03 | | 15 |
| 16 | ·15 | ·02 | ·17 | ·01 | ·05 | ·32 | ·04 | · | · | ·21 | ·02 | · | | 16 |
| 17 | ·09 | · | +1·14 | ·01 | · | ·72 | ·04 | ·44 | ·08 | · | ·24 | · | | 17 |
| 18 | ·03 | ·05 | ·27 | · | ·07 | ·59 | · | ·02 | · | · | ·07 | · | | 18 |
| 19 | · | ·04 | ·58 | ·02 | · | ·03 | · | · | ·09 | · | ·08 | ·03 | | 19 |
| 20 | · | ·11 | · | ·01 | · | ·04 | ·03 | ·18 | ·11 | · | · | · | | 20 |
| 21 | · | ·03 | · | · | · | ·02 | · | ·32 | ·03 | · | · | · | | 21 |
| 22 | · | · | · | · | · | 1·07 | · | ·08 | · | ·15 | · | · | | 22 |
| 23 | · | ·04 | · | ·29 | ·05 | · | · | ·05 | ·12 | ·05 | · | · | | 23 |
| 24 | · | ·24 | · | ·19 | ·13 | ·12 | · | · | ·11 | · | ·01 | · | | 24 |
| 25 | · | ·27 | · | ·19 | ·03 | · | · | · | ·74 | · | ·03 | · | | 25 |
| 26 | · | ·31 | · | ·46 | · | · | · | · | · | ·20 | ·03 | ·06 | | 26 |
| 27 | · | ·04 | · | · | ·12 | · | · | · | ·02 | ·04 | · | · | | 27 |
| 28 | · | · | · | ·11 | · | · | ·11 | · | ·02 | ·24 | · | · | | 28 |
| 29 | · | × | · | ·13 | · | · | ·09 | · | · | ·06 | · | ·06 | | 29 |
| 30 | ·03 | × | ·06 | ·09 | ·16 | · | ·24 | · | · | ·27 | · | ·38 | | 30 |
| 31 | ·28 | × | ·09 | × | · | × | ·24 | ·08 | × | ·21 | × | · | | 31 |
| TOTAL | 2·58 | 3·44 | 3·64 | 2·09 | 2·20 | 3·47 | 3·86 | 1·54 | 2·05 | 5·26 | 2·32 | ·73 | Year's Total<br>33·18 | |
| *Days with ·01 in. or more. | 17 | 19 | 16 | 15 | 16 | 12 | 15 | 15 | 10 | 17 | 18 | 8 | 178 | |
| *Days with ·04 in. or more. | 12 | 16 | 13 | 11 | 15 | 9 | 14 | 9 | 7 | 17 | 12 | 8 | 140 | |

40-9999

*See Instruction 2 (*f*) on other side.

– Highest Rainfall for month

+ " " Year

† Spare column, no entries required.

(Signed) Ernest Parry

Commercial Manager.

P.T.O.

## COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2842

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090

# REGISTER OF RAINFALL IN 1933.

*Kept at* Oldham, Gas Works

*in the County of* S. Lancashire 3

Diameter of Funnel of Gauge ........ in.

Height of top of Gauge above Ground ........ ft ........ in.

,, Ground ,, Sea Level ........ ft.

Dup

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

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Jan. 1, following

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| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | | | | | | | | ·01 | 13 | | ·28 | | | 1 |
| 2 | | | | ·16 | | ·34 | | ·02 | | | ·05 | | | 2 |
| 3 | | | | | ·52 | | | | | | ·04 | | | 3 |
| 4 | | | | | ·23 | | | | | ·02 | | | | 4 |
| 5 | | | | | ·11 | | | | | | ·05 | | | 5 |
| 6 | | | | | ·21 | | | | | | ·02 | ·05 | | 6 |
| 7 | | | | | ·08 | | | ·03 | | ·94 | | ·03 | | 7 |
| 8 | | | | ·10 | ·09 | | ·28 | ·03 | | | | ·09 | | 8 |
| 9 | | | | ·19 | ·08 | | ·31 | ·05 | | ·75 | ·15 | | | 9 |
| 10 | | | | | | ·06 | ·70 | | | 1·05 | 18 | | | 10 |
| 11 | | | | 13 | | | ·08 | ·04 | | ·42 | | | | 11 |
| 12 | | | | | | ·14 | 1·04 | | | ·08 | | | | 12 |
| 13 | | | | | ·23 | ·02 | ·25 | | | ·21 | ·24 | | | 13 |
| 14 | | | | | ·04 | | ·32 | ·02 | | ·07 | ·27 | | | 14 |
| 15 | | | | | | | ·09 | ·17 | | ·29 | ·56 | ·03 | | 15 |
| 16 | | | | ·01 | ·05 | ·32 | ·04 | | | ·21 | ·02 | | | 16 |
| 17 | | | | ·01 | | ·72 | ·04 | ·44 | ·08 | | ·24 | | | 17 |
| 18 | | | | | ·07 | ·59 | | ·02 | | | ·07 | | | 18 |
| 19 | | | | ·02 | | ·03 | | | ·09 | | ·08 | ·03 | | 19 |
| 20 | | | | ·01 | | ·04 | ·03 | ·18 | ·11 | | | | | 20 |
| 21 | | | | | | ·02 | | ·32 | ·03 | | | | | 21 |
| 22 | | | | | | 1·07 | | ·08 | | ·15 | | | | 22 |
| 23 | | | | ·29 | ·05 | | | ·05 | ·12 | ·05 | | | | 23 |
| 24 | | | | ·19 | ·13 | ·12 | | | ·71 | | ·01 | | | 24 |
| 25 | | | | ·19 | ·03 | | | | ·74 | | ·03 | ·06 | | 25 |
| 26 | | | | ·46 | | | | | | ·20 | ·03 | | | 26 |
| 27 | | | | | ·12 | | | | ·02 | ·04 | | | | 27 |
| 28 | | | | ·11 | | | ·11 | | ·02 | ·24 | | | | 28 |
| 29 | | | | ·13 | | | ·09 | | | ·06 | | ·06 | | 29 |
| 30 | | X | | ·09 | ·16 | | ·24 | | | ·27 | | ·38 | | 30 |
| 31 | | X | | X | | X | ·24 | ·08 | X | ·21 | X | | | 31 |
| | | | | | | | | | | | | | Year's Total | |
| TOTAL | | | | 2·09 | 2·20 | 3·47 | 3·86 | 1·54 | 2·05 | 5·26 | 2·32 | ·73 | | |
| *Days with ·01 in. or more. | | | | | | | | | | | | | | |
| *Days with .04 in. or more. | | | | | | | | | | | | | | |

40-9999

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) ........

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2842

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1934.

*Kept at* Oldham

*in the County of* Lancaster

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 5 ft 9 in.

,, Ground ,, Sea Level 602 ft.

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·13 | · | ·02 | · | · | · | · | ·06 | · | ·09 | ·05 | ·41 | | 1 |
| 2 | ·01 | ·03 | ·09 | · | · | · | · | ·72 | ·04 | | ·23 | ·47 | | 2 |
| 3 | ·16 | ·07 | · | | · | · | · | ·11 | · | ·19 | ·05 | ·06 | | 3 |
| 4 | ·24 | · | ·22 | ·05 | ·09 | · | · | · | ·04 | ·71 | · | × ·95 | | 4 |
| 5 | · | · | ·09 | ·01 | ·08 | · | · | ·52 | · | ·24 | ·05 | ·19 | | 5 |
| 6 | · | · | ·06 | ·07 | ·50 | ·14 | · | ·05 | · | ·25 | · | ·35 | | 6 |
| 7 | ·37 | ·01 | ·11 | ·03 | · | ·04 | · | · | · | ·14 | ·21 | ·28 | | 7 |
| 8 | · | · | ·04 | · | ·06 | ·19 | · | ·06 | ·02 | ·07 | ·87 | ·04 | | 8 |
| 9 | · | ·04 | ·08 | ·08 | · | · | · | ·09 | · | ·02 | ·24 | ·04 | | 9 |
| 10 | · | · | ·27 | ·21 | · | · | · | ·28 | · | ·44 | ·04 | · | | 10 |
| 11 | ·18 | · | ·02 | ·24 | · | · | · | ·42 | · | ·03 | ·01 | ·11 | | 11 |
| 12 | ·02 | · | ·11 | ·14 | · | · | ·30 | ·11 | · | ·04 | · | ·03 | | 12 |
| 13 | ·26 | · | · | ·09 | ·09 | · | ·18 | ·02 | · | ·26 | ·01 | ·02 | | 13 |
| 14 | ·24 | · | ·12 | · | ·03 | ·01 | · | · | · | ·40 | ·09 | ·05 | | 14 |
| 15 | ·49 | · | ·34 | · | ·94 | · | · | ·32 | ·63 | ·05 | ·03 | ·29 | | 15 |
| 16 | ·38 | · | ·11 | · | ·21 | · | · | · | · | · | · | ·11 | | 16 |
| 17 | ·47 | · | ·34 | ·03 | ·16 | · | ·23 | ·07 | ·24 | ·05 | · | ·18 | | 17 |
| 18 | ·31 | | ·25 | ·07 | ·43 | · | ·05 | ·04 | ·07 | | · | ·21 | | 18 |
| 19 | · | · | ·31 | · | ·08 | ·45 | · | ·01 | ·25 | ·19 | · | ·10 | | 19 |
| 20 | · | · | ·06 | ·15 | ·24 | · | · | ·07 | ·17 | ·15 | · | · | | 20 |
| 21 | ·05 | · | ·02 | ·02 | ·11 | ·62 | · | ·05 | ·07 | ·10 | ·01 | · | | 21 |
| 22 | ·06 | · | ·03 | · | · | · | · | ·36 | ·44 | ·19 | | · | | 22 |
| 23 | · | · | ·22 | ·52 | · | · | ·61 | ·03 | ·04 | ·21 | ·09 | ·09 | | 23 |
| 24 | · | ·15 | ·07 | ·19 | · | ·10 | ·02 | · | ·20 | 1·4 | · | ·03 | | 24 |
| 25 | ·04 | ·09 | · | ·20 | ·03 | · | ·21 | · | ·20 | ·23 | · | ·35 | | 25 |
| 26 | ·22 | · | ·04 | ·18 | · | ·19 | ·26 | · | ·42 | ·09 | ·08 | ·12 | | 26 |
| 27 | | ·02 | · | ·22 | · | ·29 | ·72 | · | ·03 | ·19 | ·02 | ·20 | | 27 |
| 28 | | · | · | ·07 | · | ·33 | ·21 | ·24 | ·01 | ·30 | · | ·61 | | 28 |
| 29 | | · | ·04 | · | · | · | ·16 | ·68 | ·53 | ·11 | · | ·11 | | 29 |
| 30 | ·18 | × | · | · | · | · | ·09 | ·22 | ·13 | ·38 | · | ·08 | | 30 |
| 31 | · | × | · | × | · | × | ·52 | ·01 | × | ·09 | × | ·16 | | 31 |
| TOTAL | 3·81 | ·41 | 3·06 | 2·57 | 3·05 | 2·36 | 3·56 | 4·48 | 3·47 | 5·35 | 2·08 | 5·94 | Year's Total. 40·14 ✓ | |
| * Days with .01 in. or more. | 18 | 7 | 24 | 19 | 14 | 10 | 13 | 23 | 18 | 28 | 16 | 27 | 217 | |
| * Days with .04 in. or more. | 16 | 4 | 20 | 15 | 13 | 9 | 12 | 18 | [illegible] | 26 | 11 | 24 | 182 | |

40-9999

* See Instruction 2 (f) on other side.

M

— Highest rainfall for month

× " " " year

† Spare column, no entries required.

(Signed) Ernest Parry (Commercial Manager)

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2842

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1935.

*Kept at* Oldham

*in the County of* Lancaster

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 5 ft. 9 in.

,, Ground ,, Sea Level 602 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf.

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·51 | ·32 | ·02 | ·15 | · | ·07 | ·03 | · | ·01 | ·61 | ·05 | ·40 | | 1 |
| 2 | ·04 | ·10 | · | · | · | ·31 | ·01 | · | ·06 | ·22 | ·06 | ·17 | | 2 |
| 3 | ·07 | ·71 | ·11 | ·08 | · | ·09 | ·46 | · | ·20 | ·05 | ·07 | ·23 | | 3 |
| 4 | · | ·02 | · | ·02 | · | ·22 | ·07 | · | ·21 | ·25 | · | · | | 4 |
| 5 | · | ·43 | ·11 | ·17 | · | ·10 | ·02 | · | ·40 | · | ·30 | ·18 | | 5 |
| 6 | ·01 | ·01 | · | ·03 | · | ·38 | · | · | · | · | · | ·01 | | 6 |
| 7 | · | · | · | ·18 | · | ·21 | · | · | · | ·27 | ·12 | ·32 | | 7 |
| 8 | · | · | · | ·10 | · | ·08 | · | · | · | ·26 | ·08 | ·54 | | 8 |
| 9 | ·01 | · | · | ·32 | · | ·02 | · | · | · | 1·92 | ·06 | ·01 | | 9 |
| 10 | · | ·04 | · | ·42 | · | ·01 | · | · | · | ·81 | ·15 | · | | 10 |
| 11 | ·50 | ·15 | · | · | · | ·11 | · | ·01 | · | ·40 | ·15 | ·04 | | 11 |
| 12 | · | ·16 | · | · | · | ·60 | · | · | ·09 | ·01 | ·07 | · | | 12 |
| 13 | ·17 | ·09 | · | ·08 | ·20 | ·10 | · | · | ·11 | · | ·04 | · | | 13 |
| 14 | · | · | · | · | ·06 | ·18 | · | · | ·06 | · | 1·25 | ·20 | | 14 |
| 15 | · | 1·28 | · | ·31 | ·06 | ·01 | ·03 | · | ·19 | ·23 | ·14 | ·23 | | 15 |
| 16 | · | ·32 | ·14 | ·28 | ·01 | ·15 | ·18 | ·02 | ·51 | · | ·21 | · | | 16 |
| 17 | · | ·11 | · | ·38 | ·40 | ·20 | ·18 | ·01 | ·52 | ·07 | ·40 | · | | 17 |
| 18 | ·01 | · | · | ·24 | ·08 | ·10 | ·24 | · | ·56 | ·35 | ·14 | · | | 18 |
| 19 | · | ·06 | · | ·24 | ·01 | ·47 | ·31 | · | · | ·15 | ·07 | · | | 19 |
| 20 | · | ·39 | · | ·23 | · | ·20 | ·12 | · | · | · | ·04 | · | | 20 |
| 21 | · | ·28 | · | ·05 | · | · | · | · | ·95 | ·13 | ·03 | · | | 21 |
| 22 | ·01 | ·15 | ·08 | · | · | · | · | · | · | · | · | ·04 | | 22 |
| 23 | ·03 | ·06 | 1·10 | ·06 | · | · | · | ·45 | ·05 | ·21 | · | · | | 23 |
| 24 | ·40 | ·38 | ·06 | · | · | · | · | · | 1·47 | ·13 | · | · | | 24 |
| 25 | ·18 | ·07 | ·31 | · | · | ·25 | · | · | · | · | ·04 | ·03 | | 25 |
| 26 | · | · | · | · | · | · | ·05 | 1·18 | ·56 | ·48 | ·07 | ·36 | | 26 |
| 27 | · | ·04 | · | · | · | ·16 | ·31 | · | ·54 | ·94 | ·48 | ·12 | | 27 |
| 28 | ·06 | ·08 | · | · | ·03 | · | · | ·04 | ·13 | ·31 | ·09 | ·06 | | 28 |
| 29 | · | X | ·06 | · | · | · | · | ·03 | ·36 | ·54 | ·08 | ·10 | | 29 |
| 30 | ·08 | X | · | · | · | ·19 | · | ·13 | ·27 | ·53 | ·63 | ·05 | | 30 |
| 31 | ·05 | X | ·02 | X | · | X | · | · | X | ·34 | X | ·30 | | 31 |
| | | | | | | | | | | | | | Year's Total | |
| TOTAL | 2·13 | 5·25 | 2·01 | 3·34 | ·85 | 4·21 | 2·01 | 1·87 | 7·25 | 9·21 | 4·82 | 3·39 | 46·34 | |
| * Days with .01 in. or more. | 15 | 22 | 10 | 18 | 8 | 23 | 13 | 8 | 20 | 23 | 25 | 19 | 204 | |
| * Days with .04 in. or more. | 10 | 20 | 8 | 16 | 5 | 20 | 9 | 4 | 19 | 22 | 24 | 16 | 173 | |

40-9999.

* See Instruction 2 (f) on other side.

MY

† Spare column, no entries required.

(*Signed*) Ernest Parry

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 2842

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

Form 1090.

# REGISTER OF RAINFALL IN 1936.

Kept at Oldham Gas Works
in the County of South Lancs.
Diameter of Funnel of Gauge..................in.
Height of top of Gauge above Ground.........ft.........in.
,, Ground ,, Sea Level .................ft.

Copy by B.R.O.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

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Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·01 | ·16 | ·37 | ·17 | – | – | – | ·47 | ·09 | – | ·18 | ·15 | | 1 |
| 2 | – | ·10 | ·01 | ·05 | – | ·24 | ·22 | ·27 | ·01 | – | ·03 | ·18 | | 2 |
| 3 | ·02 | – | – | – | – | ·12 | ·07 | ·20 | ·71 | – | – | ·07 | | 3 |
| 4 | ·20 | ·17 | ·19 | – | – | – | ·01 | ·10 | ·42 | – | ·29 | ·28 | | 4 |
| 5 | ·03 | ·04 | ·46 | – | – | – | – | ·36 | ·46 | ·01 | ·01 | ·37 | | 5 |
| 6 | ·04 | – | ·04 | – | – | ·03 | ·08 | ·51 | ·70 | – | ·08 | – | | 6 |
| 7 | – | – | ·09 | – | – | – | ·04 | – | ·70 | – | ·07 | ·30 | | 7 |
| 8 | ·26 | – | ·20 | – | – | – | ·01 | – | ·01 | – | ·46 | ·08 | | 8 |
| 9 | ·17 | – | ·03 | – | – | ·01 | ·12 | – | ·14 | ·01 | 1·20 | – | | 9 |
| 10 | ·10 | – | – | – | – | – | ·97 | – | ·01 | – | ·72 | – | | 10 |
| 11 | – | – | – | ·03 | – | ·15 | ·45 | ·08 | ·02 | – | ·42 | ·02 | | 11 |
| 12 | – | – | – | ·12 | ·07 | ·66 | ·32 | ·07 | ·36 | ·08 | ·05 | ·01 | | 12 |
| 13 | ·03 | – | – | ·05 | ·01 | ·02 | ·10 | – | ·01 | ·15 | ·01 | ·25 | | 13 |
| 14 | – | – | – | ·03 | – | ·40 | ·05 | ·12 | ·53 | ·13 | ·28 | 1·11 | | 14 |
| 15 | ·17 | – | ·01 | ·03 | – | ·08 | ·06 | ·08 | ·05 | – | ·55 | ·05 | | 15 |
| 16 | ·05 | ·09 | ·03 | ·05 | – | – | ·03 | – | ·01 | ·01 | ·79 | – | | 16 |
| 17 | ·08 | ·34 | ·01 | ·01 | ·01 | – | ·12 | ·09 | – | ·61 | ·04 | ·15 | | 17 |
| 18 | – | ·02 | – | – | – | ·14 | ·28 | ·12 | – | ·96 | ·01 | – | | 18 |
| 19 | ·19 | ·19 | ·03 | ·10 | – | ·08 | ·45 | ·51 | – | ·12 | – | – | | 19 |
| 20 | ·32 | ·04 | – | ·01 | – | – | ·04 | ·01 | – | ·03 | – | – | | 20 |
| 21 | ·28 | – | ·03 | ·02 | – | ·04 | – | – | – | ·67 | – | ·01 | | 21 |
| 22 | ·07 | ·42 | ·04 | – | – | ·79 | ·23 | – | – | – | – | ·08 | | 22 |
| 23 | ·01 | ·05 | ·28 | ·17 | ·04 | – | ·42 | – | – | ·05 | – | ·01 | | 23 |
| 24 | ·06 | ·07 | ·01 | ·05 | ·12 | – | – | ·01 | ·20 | ·52 | – | ·03 | | 24 |
| 25 | ·16 | – | – | ·06 | – | ·01 | ·02 | – | ·[illegible]4 | ·20 | ·01 | ·07 | | 25 |
| 26 | ·03 | ·23 | ·07 | ·01 | – | – | ·05 | – | ·04 | ·74 | – | | | 26 |
| 27 | ·925 | ·01 | ·01 | – | – | – | – | – | ·36 | ·37 | – | – | | 27 |
| 28 | ·10 | ·43 | ·05 | ·01 | – | – | ·06 | – | – | ·01 | – | ·08 | | 28 |
| 29 | ·09 | ·20 | ·77 | – | ·15 | ·76 | – | – | – | ·09 | ·18 | ·19 | | 29 |
| 30 | ·36 | ✕ | ·01 | – | ·81 | ·01 | ·30 | – | – | ·63 | ·11 | ·05 | | 30 |
| 31 | ·14 | ✕ | ·07 | ✕ | ·01 | ✕ | ·07 | ·04 | ✕ | – | ✕ | ·24 | | 31 |
| | | | | | | | | | | | | | Year's Total | |
| TOTAL | 3·91 | 2·55 | 2·81 | ·97 | 1·22 | 3·54 | 4·57 | 3·04 | 5·27 | 4·79 | 5·49 | 3·78 | 41·94 | ✓ |
| * Days with .01 in. or more. | 25 | 16 | 22 | 17 | 8 | 16 | 25 | 16 | 20 | 19 | 20 | 22 | 226 | ✓ |
| * Days with .04 in. or more. | 19 | 14 | 12 | 9 | 5 | 11 | 21 | 14 | 14 | 19 | 15 | 17 | 165 | ✓ |

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) ............................................................ [P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2842

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1937.

*Kept at* Oldham Gas Works

*in the County of* S. Lancashire

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft..........in.

,, Ground ,, Sea Level ..................ft.

Copy by B.R.O.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

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Jan. 1, following ✓

Please read the Notes and Instructions Overleaf.

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·05 | ·18 | ·10 | – | – | ·01 | ·01 | – | ·43 | – | – | ·09 | | 1 |
| 2 | ·20 | ·29 | ·19 | ·10 | – | – | – | – | ·01 | – | – | ·12 | | 2 |
| 3 | ·01 | ·07 | ·11 | ·05 | ·09 | ·54 | ·04 | – | ·01 | – | – | ·03 | | 3 |
| 4 | ·27 | ·04 | ·04 | ·10 | ·12 | ·01 | ·05 | ·02 | – | – | – | ·23 | | 4 |
| 5 | 1·18 | ·01 | ·04 | ·01 | ·01 | ·01 | ·01 | – | – | – | – | ·51 | | 5 |
| 6 | ·08 | – | ·03 | ·11 | ·13 | – | ·01 | ·40 | ·01 | ·01 | – | ·08 | | 6 |
| 7 | ·03 | ·20 | – | ·53 | ·05 | ·03 | – | – | ·06 | – | – | ·04 | | 7 |
| 8 | – | ·52 | – | ·04 | – | ·06 | ·08 | – | – | – | ·03 | ·08 | | 8 |
| 9 | – | ·26 | ·02 | ·02 | ·16 | ·01 | ·58 | ·19 | – | – | – | – | | 9 |
| 10 | ·06 | ·11 | ·02 | – | ·01 | ·01 | ·02 | ·07 | – | ·01 | – | ·23 | | 10 |
| 11 | – | ·01 | ·30 | – | ·05 | – | ·01 | – | – | – | – | ·03 | | 11 |
| 12 | ·04 | ·46 | ·01 | ·01 | ·02 | ·03 | – | ·02 | ·20 | – | – | ·17 | | 12 |
| 13 | – | ·18 | ·02 | ·01 | ·01 | ·19 | – | ·02 | ·01 | – | – | ·27 | | 13 |
| 14 | – | ·16 | ·10 | – | – | ·01 | – | ·18 | ·07 | – | – | ·13 | | 14 |
| 15 | ·24 | ·45 | – | ·36 | – | – | ·67 | ·02 | ·05 | – | – | ·07 | | 15 |
| 16 | ·08 | ·50 | ·06 | ·41 | ·55 | – | – | ·10 | ·13 | – | – | – | | 16 |
| 17 | ·04 | ·07 | ·37 | ·21 | ·02 | – | – | ·02 | ·07 | – | – | ·01 | | 17 |
| 18 | ·50 | ·30 | ·17 | ·04 | – | – | – | ·19 | ·26 | ·01 | ·24 | – | | 18 |
| 19 | ·13 | ·43 | ·02 | ·23 | ·01 | ·03 | ·09 | ·05 | ·02 | – | ·56 | – | | 19 |
| 20 | ·02 | ·28 | – | ·15 | ·49 | ·16 | ·02 | – | ·01 | – | – | ·14 | | 20 |
| 21 | ·02 | ·05 | ·01 | ·14 | ·03 | – | ·30 | – | – | ·08 | – | ·08 | | 21 |
| 22 | ·01 | ·02 | ·31 | ·03 | – | – | ·30 | – | – | ·38 | ·09 | ·11 | | 22 |
| 23 | ·03 | – | ·01 | – | ·21 | – | ·19 | – | – | ·47 | ·15 | ·01 | | 23 |
| 24 | ·08 | ·10 | ·10 | – | ·04 | – | ·08 | – | ·23 | ·12 | ·02 | ·05 | | 24 |
| 25 | ·01 | ·30 | – | – | – | – | ·01 | ·03 | – | ·04 | – | ·03 | | 25 |
| 26 | – | ·37 | ·05 | – | ·62 | – | – | ·03 | ·05 | ·01 | – | ·01 | | 26 |
| 27 | – | ·65 | – | ·14 | – | – | – | – | – | ·24 | – | ·04 | | 27 |
| 28 | ·01 | | – | – | – | ·02 | – | – | – | ·13 | – | – | | 28 |
| 29 | ·01 | – | – | – | – | ·05 | – | – | – | ·05 | ·10 | ·01 | | 29 |
| 30 | ·24 | ✕ | – | – | – | ·26 | – | ·75 | – | ·14 | ·92 | ·03 | | 30 |
| 31 | | ✕ | – | ✕ | – | ✕ | – | ·05 | ✕ | ·18 | ✕ | ·10 | | 31 |
| TOTAL | 3·34 | 6·01 | 2·08 | 2·69 | 2·62 | 1·43 | 2·47 | 2·14 | 1·62 | 1·87 | 2·11 | 2·70 | Year's Total<br>31·08 | |
| * Days with .01 in. or more. | 23 | 25 | 21 | 19 | 18 | 16 | 17 | 16 | 16 | 14 | 8 | 26 | 219 | |
| * Days with .04 in. or more. | 14 | 22 | 13 | 14 | 11 | 6 | 10 | 9 | 10 | 10 | 6 | 18 | 143 | |

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) .................................................. [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 2842

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1938

*Kept at* Oldham Gas Works

*in the County of* S. Lancashire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 5 ft. 9 in.

,, Ground ,, Sea Level 601 ft.

Copy by B.R.O.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

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Jan. 1, following

Please read the Notes and Instructions Overleaf

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·20 | ·02 | | 02 | ·01 | ·72 | – | ·17 | – | ·05 | ·22 | ·34 | | 1 |
| 2 | ·35 | ·05 | | ·41 | 07 | ·33 | – | – | – | ·98 | ·01 | ·11 | | 2 |
| 3 | ·03 | ·01 | | | | ·01 | ·11 | – | ·29 | 1·14 | ·23 | – | | 3 |
| 4 | ·05 | | | ·04 | | ·03 | ·44 | ·45 | – | ·24 | ·24 | ·89 | | 4 |
| 5 | ·03 | ·02 | | ·02 | | ·12 | ·03 | ·01 | ·05 | ·85 | – | ·05 | | 5 |
| 6 | ·11 | ·01 | | | | ·03 | ·39 | – | ·11 | ·25 | ·01 | ·02 | | 6 |
| 7 | ·17 | | | | | | ·29 | ·03 | ·18 | ·13 | – | ·01 | | 7 |
| 8 | ·15 | ·01 | | | | | ·60 | – | – | ·94 | – | ·20 | | 8 |
| 9 | ·09 | ·55 | ·12 | | | ·56 | ·14 | ·09 | – | ·06 | – | ·23 | | 9 |
| 10 | ·03 | ·01 | ·02 | | | ·37 | ·64 | – | – | ·31 | – | ·03 | | 10 |
| 11 | ·24 | ·09 | | | ·01 | ·07 | ·37 | ·10 | 03 | ·20 | ·15 | ·03 | | 11 |
| 12 | ·10 | | | | 17 | | ·01 | ·05 | – | 1·48 | ·23 | – | | 12 |
| 13 | ·03 | ·01 | | | ·01 | | ·04 | – | 06 | ·34 | ·13 | ·36 | | 13 |
| 14 | ·17 | ·02 | | | 07 | | ·17 | – | ·05 | ·02 | ·01 | ·02 | | 14 |
| 15 | ·22 | | | | ·01 | | ·33 | ·34 | 01 | ·07 | – | ·26 | | 15 |
| 16 | ·36 | | ·05 | | 66 | | ·15 | ·18 | – | ·02 | ·04 | ·32 | | 16 |
| 17 | ·01 | ·01 | | | 61 | | ·11 | ·13 | ·05 | ·32 | 03 | – | | 17 |
| 18 | ·09 | | | | 16 | ·04 | – | ·25 | – | ·53 | ·24 | ·05 | | 18 |
| 19 | | | | | | | – | ·20 | ·04 | ·01 | – | ·08 | | 19 |
| 20 | ·09 | | | | | | ·01 | – | ·07 | – | ·48 | ·07 | | 20 |
| 21 | ·02 | | ·04 | | | | – | ·04 | – | – | ·07 | ·19 | | 21 |
| 22 | | | | ·01 | | ·30 | – | – | – | – | ·12 | ·05 | | 22 |
| 23 | | | | | 17 | ·51 | – | – | ·07 | – | ·52 | ·02 | | 23 |
| 24 | ·16 | ·08 | ·25 | | ·02 | ·16 | ·15 | ·55 | ·03 | ·01 | ·22 | ·03 | | 24 |
| 25 | ·07 | ·40 | ·04 | | | ·02 | ·16 | ·13 | – | ·49 | ·82 | ·04 | | 25 |
| 26 | ·12 | ·40 | ·23 | | ·02 | ·10 | ·07 | – | 01 | ·28 | ·20 | ·14 | | 26 |
| 27 | ·42 | ·15 | ·02 | | ·91 | ·43 | ·10 | ·28 | ·03 | ·01 | ·42 | ·01 | | 27 |
| 28 | ·28 | ·08 | ·09 | | 19 | ·69 | ·11 | ·38 | ·02 | ·05 | ·03 | ·21 | | 28 |
| 29 | ·14 | | ·21 | | 1·58 | ·14 | ·11 | – | – | ·16 | ·05 | ·43 | | 29 |
| 30 | ·32 | ✕ | | | ·08 | ·01 | – | – | 34 | ·01 | ·11 | ·05 | | 30 |
| 31 | ·37 | ✕ | ·06 | ✕ | ·34 | ✕ | – | – | ✕ | ·64 | ✕ | ·94 | | 31 |
| TOTAL | 4·42 | 1·92 | 1·13 | ·50 | 5·09 | 4·64 | 4·53 | 3·38 | 1·44 | 9·59 | 4·58 | 5·18 | Year's Total 46·40 | |
| * Days with .01 in. or more. | 28 | 17 | 11 | 5 | 18 | 19 | 22 | 17 | 17 | 27 | 23 | 28 | 232 | |
| * Days with .04 in. or more. | 22 | 8 | 9 | 2 | 12 | 14 | 19 | 15 | 11 | 21 | 18 | 20 | 171 | |

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) Ernest Parry

Commercial Manager

P.T.O.

COPY FOR OFFICIAL USE

Section A for the entry of Daily Observations

Station No. 2842

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1939

Kept at Oldham Gas Works
in the County of S. Lancashire
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 5 ft. 9 in.
,, Ground ,, Sea Level 601 ft.

Copy by B.R.O.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

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Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·17 | – | ·08 | ·10 | – | – | – | ·06 | – | – | – | ·38 | | 1 |
| 2 | ·05 | – | ·01 | ·14 | – | – | ·48 | ·22 | ·66 | ·01 | ·20 | ·15 | | 2 |
| 3 | ·08 | – | – | ·07 | – | – | ·01 | ·14 | ·01 | – | – | ·79 | | 3 |
| 4 | ·07 | ·10 | ·32 | ·14 | – | – | ·51 | – | – | ·03 | ·06 | 1·28 | | 4 |
| 5 | ·09 | – | ·01 | ·02 | – | – | ·33 | ·10 | – | ·18 | ·35 | ·05 | | 5 |
| 6 | ·92 | ·26 | ·01 | ·14 | – | – | ·43 | – | – | – | ·04 | – | | 6 |
| 7 | ·21 | ·21 | ·10 | – | ·02 | – | ·10 | – | – | – | ·19 | ·50 | | 7 |
| 8 | ·48 | ·14 | ·16 | – | – | – | ·94 | ·02 | – | ·15 | ·30 | ·40 | | 8 |
| 9 | ·08 | ·55 | – | ·20 | – | – | ·03 | ·47 | – | ·29 | ·02 | ·71 | | 9 |
| 10 | ·46 | ·02 | ·21 | – | – | – | – | ·46 | ·48 | ·16 | – | ·10 | | 10 |
| 11 | ·36 | ·30 | ·19 | – | – | ·29 | – | ·01 | ·04 | ·01 | – | ·01 | | 11 |
| 12 | ·48 | ·23 | – | – | – | ·08 | – | – | – | – | – | – | | 12 |
| 13 | ·10 | – | ·01 | ·49 | 14 | ·13 | ·06 | – | ·02 | ·09 | ·01 | – | | 13 |
| 14 | ·70 | ·01 | – | ·05 | 60 | ·41 | ·16 | – | – | ·04 | ·22 | – | | 14 |
| 15 | ·06 | ·03 | ·02 | ·73 | 14 | ·84 | ·21 | – | – | – | ·13 | – | | 15 |
| 16 | ·08 | – | ·09 | ·03 | 54 | – | ·08 | – | – | – | ·11 | – | | 16 |
| 17 | ·76 | ·27 | ·02 | ·01 | 08 | ·03 | – | – | – | ·10 | ·09 | – | | 17 |
| 18 | ·08 | ·17 | ·03 | – | – | ·36 | 29 | – | – | – | ·91 | – | | 18 |
| 19 | ·32 | ·01 | – | – | – | ·01 | ·32 | – | – | – | ·01 | ·01 | | 19 |
| 20 | ·01 | – | – | – | ·20 | ·25 | ·24 | ·12 | – | – | – | – | | 20 |
| 21 | ·80 | ·02 | ·53 | ·21 | ·19 | ·04 | – | ·18 | ·03 | – | – | – | | 21 |
| 22 | ·11 | ·20 | ·14 | ·20 | – | – | ·04 | – | – | – | ·67 | – | | 22 |
| 23 | – | ·58 | – | ·34 | – | ·04 | ·24 | – | – | ·62 | ·24 | ·01 | | 23 |
| 24 | ·02 | ·10 | ·06 | ·07 | – | – | ·01 | – | – | ·02 | ·03 | – | | 24 |
| 25 | ·43 | ·15 | – | – | – | ·03 | – | – | – | – | 1·57 | ·01 | | 25 |
| 26 | ·03 | ·08 | 02 | – | – | – | – | ·10 | – | ·20 | ·27 | – | | 26 |
| 27 | ·01 | 1·54 | ·32 | – | – | ·28 | ·06 | – | – | 20 | ·21 | ·10 | | 27 |
| 28 | ·07 | ·13 | 18 | ·04 | – | ·21 | ·65 | – | – | – | ·85 | – | | 28 |
| 29 | ·01 | | ·02 | – | – | ·03 | 1·34 | – | – | ·23 | ·32 | – | | 29 |
| 30 | – | ✕ | – | – | – | ·16 | ·28 | – | – | ·01 | 34 | – | | 30 |
| 31 | – | ✕ | – | ✕ | – | ✕ | ·15 | ·07 | ✕ | – | ✕ | – | | 31 |
| TOTAL | 7·04 | 5·10 | 2·53 | 2·98 | 1·91 | 3·19 | 6·96 | 1·95 | 1·24 | 2·34 | 7·14 | 4·50 | Year's Total 46·88 | ✓ |
| * Days with .01 in. or more. | 28 | 21 | 21 | 17 | 8 | 16 | 23 | 12 | 6 | 16 | 23 | 14 | 205 | ✓ |
| * Days with .04 in. or more. | 23 | 16 | 12 | 14 | 7 | 12 | 20 | 10 | 3 | 11 | 19 | 10 | 157 | ✓ |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(Signed) ……………………………………

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations Station No. 2842

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 19~~3~~40

*Kept at* Oldham Gas Works

*in the County of* Lancashire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground ~~5 ft. 9 in.~~

" Ground " Sea Level 602 ft.

Jan adj for snow
Feb. amended by refs nearby stns. — observer agrees.
March adjusted by reference to nearby stations due to faulty gauge

BRITISH RAINFALL ORGANIZATION.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | - | ·03 | - | ·11 | - | - | - | - | ·05 | - | ·37 | ·19 | | 1 |
| 2 | - | - | - | ·15 | - | - | ·05 | - | - | - | ·28 | ·23 | | 2 |
| 3 | 05 | ·11 | - | ·15 | - | - | ·29 | - | - | ·18 | ·03 | ·21 | | 3 |
| 4 | - | ·12 ~~22~~ | - | ·10 | - | - | ·05 | - | - | ·16 | ·25 | ·30 | | 4 |
| 5 | - | - | - | - | ·11 | - | ·19 | - | - | ·37 | ·02 | ·41 | | 5 |
| 6 | ·02 | ·27 ~~67~~ | - | - | - | - | ·17 | - | - | ·62 | ·03 | ·12 | | 6 |
| 7 | ·14 | ·25 ~~45~~ | - | ·24 | ·11 | - | ·13 | ·30 | ·14 | ·02 | ·01 | - | | 7 |
| 8 | ·01 | - | ·01 | ·06 | - | - | ·03 | ·04 | - | ·24 | - | ·35 | | 8 |
| 9 | - | - | ·24 ~~34~~ | - | - | - | ·65 | ·30 | ·34 | ·33 | 1·30 | ·37 | | 9 |
| 10 | - | - | ·03 | - | - | - | ·65 | ·28 | ·04 | ·13 | ·44 | ·67 | | 10 |
| 11 | - | ·02 | ·08 ~~18~~ | ·06 | - | ·06 | ·73 | - | - | ·01 | 1·37 | ·06 | | 11 |
| 12 | - | - | ·44 ~~94~~ | - | - | - | ·14 | ·02 | ·47 | - | ·44 | - | | 12 |
| 13 | - | 02 | ·06 ~~16~~ | ·01 | - | - | - | ·06 | ·42 | - | ·01 | ·02 | | 13 |
| 14 | - | ·02 | ·09 | ·22 | ·18 | - | ·09 | ·18 | ·08 | - | ·07 | ·49 | | 14 |
| 15 | - | - | ·03 | ·10 | ·09 | ·03 | - | ·01 | ·01 | ·01 | ·04 | ·06 | | 15 |
| 16 | ·04 | - | ·15 ~~30~~ | ·09 | - | - | ·64 | - | 1·28 | ·25 | ·17 | ·10 | | 16 |
| 17 | - | - | ·79 ~~1·29~~ | - | ·18 | - | 1·01 | - | ·32 | - | ·88 | ·02 | | 17 |
| 18 | ·10 | ·10 | ·21 | ·88 | - | - | ·03 | ·38 | ·32 | - | ·02 | ·33 | | 18 |
| 19 | - | ·16 | ·16 | ·01 | - | - | ·48 | - | ·43 | - | ·22 | ·01 | | 19 |
| 20 | - | ·04 | - | ·17 | - | ·01 | ·49 | ·51 | ·06 | ·28 | ·17 | - | | 20 |
| 21 | - | - | ·16 ~~21~~ | ·01 | - | ·44 | ·20 | ·01 | - | ·04 | ·80 | - | | 21 |
| 22 | - | ·07 | ·04 | - | ·09 | ·07 | ·01 | ·07 | ·55 | ·01 | ·01 | ·01 | | 22 |
| 23 | - | ·31 | ·03 | ·10 | - | - | ·07 | - | ·13 | - | ·18 | - | | 23 |
| 24 | ·39 | - | - | ·01 | - | - | - | - | ·02 | ·01 | ·01 | ·01 | | 24 |
| 25 | - | - | - | - | - | ·05 | - | - | - | ·03 | - | - | | 25 |
| 26 | ·26 | ·12 | ·13 | - | ·01 | ·07 | ·01 | - | - | - | ·02 | - | | 26 |
| 27 | ·15 | ·27 ~~77~~ | - | ·08 | ·01 | - | ·11 | - | - | - | ·07 | - | | 27 |
| 28 | ·06 | ·24 ~~54~~ | - | - | ·27 | - | - | ·11 | - | - | - | - | | 28 |
| 29 | - | - | ·27 | - | ·17 | ·41 | ·05 | - | - | ·01 | - | ·72 | | 29 |
| 30 | - | ✕ | [illegible] | 01 | - | - | - | - | - | ·33 | - | ·32 | | 30 |
| 31 | ·12 | ✕ | ·28 ~~38~~ | ✕ | ·01 | ✕ | - | ·04 | ✕ | ·79 | ✕ | - | | 31 |
| TOTAL | 2·34 ~~1·34~~ | 2·15 ~~3·65~~ | 3·20 ~~4·80~~ | 2·56 | 1·23 | 1·14 | 6·27 | 2·31 | 4·66 | 3·82 | 7·21 | 5·00 | Year's Total 41·89 | Print |
| * Days with .01 in. or more. | 11 | 16 | 18 | 19 | 11 | 8 | 23 | 14 | 16 | 19 | 25 | 21 | 201 | |
| * Days with .04 in. or more. | 9 | 12 | 14 | 14 | 8 | ~~7~~6 | 19 | 11 | 14 | 12 | 16 | 16 | ~~152~~ | 151 |

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) Ernest Parry

P.T.O.

2843

Section **A** for the entry

AIR MINIST

FORM 1090.

**REGIS**

*Kept at* Brush

*in the County of*

Diameter of Funnel of Gauge

Height of top of Gauge above Grou

,, Ground ,, Sea

**THE MORNING MEAS**

*An observer who does not conform t*
*year in the space on the right of t*

**Please read**

2843

BRUSHES, CLOUGH

1931 — 40

780501

**FOR OFFICIAL USE.**

L ORGANIZATION.

llowing

Jan. 1, following.

| Date | Jan. | Feb. | March | | | | | | | | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | 08 | 01 | . | 10 | . | 75 | . | . | 07 | 10 | . | . | 1 |
| 2 | 01 | 10 | . | 76 | 06 | 1·10 | . | . | 1·08 | 04 | 06 | 03 | 2 |
| 3 | . | . | . | 05 | . | 12 | 55 | . | 34 | . | 1·14 | 66 | 3 |
| 4 | . | 08 | . | 41 | . | . | 17 | . | 1·88 | 06 | 61 | 38 | 4 |
| 5 | . | 10 | . | . | 23 | 99 | 03 | 45 | 14 | . | . | 34 | 5 |
| 6 | . | 31 | 02 | . | . | 32 | 1·40 | 03 | 17 | 77 | 28 | . | 6 |
| 7 | . | . | 05 | . | . | 63 | . | 34 | . | 38 | 05 | 15 | 7 |
| 8 | 06 | 32 | 06 | 09 | 04 | . | 32 | 59 | 03 | 11 | 36 | . | 8 |
| 9 | . | 90 | 04 | 34 | . | 26 | . | 36 | 07 | 04 | 37 | 06 | 9 |
| 10 | 14 | 22 | 03 | . | 30 | 32 | . | 29 | 12 | . | 35 | . | 10 |
| 11 | 68 | 84 | . | 04 | . | 05 | 12 | 02 | 33 | . | 60 | . | 11 |
| 12 | 07 | 39 | . | 01 | . | . | 62 | . | 19 | 28 | 22 | . | 12 |
| 13 | . | . | 12 | . | 07 | 02 | 11 | 05 | . | . | . | . | 13 |
| 14 | 24 | 12 | . | . | 09 | 80 | 02 | 89 | 03 | . | 44 | 01 | 14 |
| 15 | 35 | 25 | . | 13 | 19 | . | 08 | 37 | . | . | 02 | 10 | 15 |
| 16 | 74 | 18 | . | 40 | 75 | 63 | 14 | 88 | 31 | . | . | . | 16 |
| 17 | 08 | 15 | . | 19 | 03 | 17 | 40 | 64 | 06 | . | 04 | . | 17 |
| 18 | 37 | 02 | . | 30 | . | 54 | 56 | 14 | . | . | 1·06 | . | 18 |
| 19 | 22 | 28 | . | 11 | . | . | 07 | 1·21 | 02 | 03 | . | 01 | 19 |
| 20 | 04 | 22 | 01 | 06 | . | 07 | . | 27 | . | . | 12 | . | 20 |
| 21 | 63 | 08 | 07 | . | 08 | 12 | 03 | 47 | . | . | 03 | . | 21 |
| 22 | 18 | 12 | . | 01 | 14 | 10 | 02 | . | . | . | 01 | . | 22 |
| 23 | 57 | 01 | . | 16 | 15 | 40 | 41 | . | . | . | 92 | 24 | 23 |
| 24 | 09 | 51 | . | 03 | 68 | . | 12 | . | . | . | 01 | 09 | 24 |
| 25 | 10 | 1·24 | . | 24 | 06 | . | 11 | . | . | . | 07 | 14 | 25 |
| 26 | 03 | 23 | . | 28 | . | . | . | . | . | . | 59 | 03 | 26 |
| 27 | 58 | 09 | . | 01 | 09 | . | 39 | . | . | 33 | 1·10 | 13 | 27 |
| 28 | 44 | 47 | . | 04 | 12 | . | 27 | . | 02 | . | . | 11 | 28 |
| 29 | 32 | | . | . | 15 | . | 19 | . | . | 82 | 05 | . | 29 |
| 30 | 01 | X | . | 09 | . | . | . | . | 11 | . | 01 | . | 30 |
| 31 | 31 | X | . | X | 01 | X | 06 | . | X | 02 | X | 05 | 31 |
| TOTAL | 6·34 | 7·24 | ·40 | 3·85 | 3·24 | 7·39 | 6·19 | 7·00 | 4·97 | 2·98 | 8,51 | 3·53 | YEAR'S TOTAL<br>60·64 |
| Days with ·01 in. or more. | 24 | 25 | 8 | 22 | 18 | 18 | 23 | 16 | 17 | 12 | 24 | 16 | 223 |
| Days with ·04 in. or more. | 21 | 22 | 5 | 18 | 16 | 17 | 19 | 14 | [illegible] | [illegible] | 19 | 12 | 186 |

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(Signed) Chas. J. Oakley

P.T.O.

Section **A** for the entry

2843

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1931 .

*Kept at* Krusher Clough

*in the County of* Lancashire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 921 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following.

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | 08 | 01 | · | 10 | · | 75 | · | · | 07 | 10 | · | · | 1 |
| 2 | 01 | 10 | · | 76 | 06 | 1·10 | · | · | 1·08 | 04 | 06 | 03 | 2 |
| 3 | · | · | · | 05 | · | 12 | 55 | · | 34 | · | 1·14 | 66 | 3 |
| 4 | · | 08 | · | 41 | · | · | 17 | · | 1·88 | 06 | 61 | 38 | 4 |
| 5 | · | 10 | · | · | 23 | 99 | 03 | 45 | 14 | · | · | 34 | 5 |
| 6 | · | 31 | 02 | · | · | 32 | 1·40 | 03 | 17 | 77 | 28 | · | 6 |
| 7 | · | · | 05 | · | · | 63 | · | 34 | · | 38 | 05 | 15 | 7 |
| 8 | 06 | 32 | 06 | 09 | 04 | · | 32 | 59 | 03 | 11 | 36 | · | 8 |
| 9 | · | 90 | 04 | 34 | · | 26 | · | 36 | 07 | 04 | 37 | 06 | 9 |
| 10 | 14 | 22 | 03 | · | 30 | 32 | · | 29 | 12 | · | 35 | · | 10 |
| 11 | 68 | 84 | · | 04 | · | 05 | 12 | 02 | 33 | · | 60 | · | 11 |
| 12 | 07 | 39 | · | 01 | · | · | 62 | · | 19 | 28 | 22 | · | 12 |
| 13 | | · | 12 | · | 07 | 02 | 11 | 05 | · | · | · | · | 13 |
| 14 | 24 | 12 | · | · | 09 | 80 | 02 | 89 | 03 | · | 44 | 01 | 14 |
| 15 | 35 | 25 | · | 13 | 19 | · | 08 | 37 | · | · | 02 | 10 | 15 |
| 16 | 74 | 18 | · | 40 | 75 | 63 | 14 | 88 | 31 | · | · | · | 16 |
| 17 | 08 | 15 | · | 19 | 03 | 17 | 40 | 64 | 06 | · | 04 | · | 17 |
| 18 | 37 | 02 | · | 30 | · | 54 | 56 | 14 | · | · | 1·06 | · | 18 |
| 19 | 22 | 28 | · | 11 | · | · | 07 | 1·21 | 02 | 03 | · | 01 | 19 |
| 20 | 04 | 22 | 01 | 06 | · | 07 | · | 27 | · | · | 12 | · | 20 |
| 21 | 63 | 08 | 07 | · | 08 | 12 | 03 | 47 | · | · | 03 | · | 21 |
| 22 | 18 | 12 | · | 01 | 14 | 10 | 02 | · | · | · | 01 | · | 22 |
| 23 | 57 | 01 | · | 16 | 15 | 40 | 41 | · | · | · | 92 | 24 | 23 |
| 24 | 09 | 51 | · | 03 | 68 | · | 12 | · | · | · | 01 | 09 | 24 |
| 25 | 10 | 1·24 | · | 24 | 06 | · | 11 | · | · | · | 07 | 14 | 25 |
| 26 | 03 | 23 | · | 28 | · | · | · | · | · | · | 59 | 03 | 26 |
| 27 | 58 | 09 | · | 01 | 09 | · | 39 | · | · | 33 | 1·10 | 13 | 27 |
| 28 | 44 | 47 | · | 04 | 12 | · | 27 | · | 02 | · | · | 11 | 28 |
| 29 | 32 | | · | · | 15 | · | 19 | · | · | 82 | 05 | · | 29 |
| 30 | 01 | X | · | 09 | · | · | · | · | 11 | · | 01 | · | 30 |
| 31 | 31 | X | · | X | 01 | X | 06 | · | X | 02 | X | 05 | 31 |
| TOTAL | 6·34 | 7·24 | ·40 | 3·85 | 3·24 | 7·39 | 6·19 | 7·00 | 4·97 | 2·98 | 8.51 | 2·53 | YEAR'S TOTAL<br>60·64 |
| Days with ·01 in. or more. | 24 | 25 | 8 | 22 | 18 | 18 | 23 | 16 | 17 | 12 | 24 | 16 | 223 |
| Days with ·04 in. or more. | 21 | 22 | 5 | 18 | 16 | 17 | 19 | 14 | 13 | 10 | 19 | 12 | 186 |

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(Signed) Chas. J. Oakley.

P.T.O.

Section **A** for the entry of Daily Observations.

COPY FOR OFFICIAL USE. 2843

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1937.

*Kept at* Brushes Clough

*in the County of* Lancashire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft 0 in.

" Ground " Sea Level 921 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | 49 | 01 | . | 36 | 23 | . | 24 | 03 | 71 | 39 | 14 | 01 | 1 |
| 2 | 1·15 | . | . | . | 33 | . | 02 | 02 | 1·45 | 27 | 24 | 45 | 2 |
| 3 | 08 | . | . | . | . | . | 32 | . | 05 | . | . | 16 | 3 |
| 4 | 04 | 02 | . | 02 | . | . | 08 | . | 07 | 07 | 23 | 01 | 4 |
| 5 | 1·23 | 01 | 15 | 31 | 05 | . | . | 02 | 12 | . | . | 02 | 5 |
| 6 | 1·25 | . | 14 | 56 | 04 | . | 02 | . | 31 | . | . | . | 6 |
| 7 | 12 | . | 57 | 24 | . | . | . | . | 83 | 18 | 02 | . | 7 |
| 8 | . | 01 | . | 20 | . | . | . | . | 17 | 93 | . | . | 8 |
| 9 | 15 | 24 | . | 73 | 06 | . | . | . | 01 | . | . | 05 | 9 |
| 10 | 50 | 03 | . | 14 | . | . | . | . | 76 | 49 | 02 | 09 | 10 |
| 11 | 04 | 07 | . | 05 | 52 | 37 | 1·68 | . | 21 | . | 03 | . | 11 |
| 12 | 38 | . | . | . | 60 | 02 | 03 | 02 | 01 | 53 | 02 | . | 12 |
| 13 | . | 10 | . | 07 | 18 | . | 20 | 03 | 48 | 44 | 04 | 25 | 13 |
| 14 | 05 | . | . | 06 | . | . | 18 | 08 | 02 | 11 | 11 | . | 14 |
| 15 | . | . | . | 03 | 58 | . | . | . | . | 21 | 14 | 16 | 15 |
| 16 | 43 | . | . | 14 | 02 | . | . | 01 | . | 20 | 01 | 17 | 16 |
| 17 | . | . | . | . | . | . | 09 | 08 | 07 | 50 | . | . | 17 |
| 18 | . | . | . | . | 08 | . | . | . | 01 | . | 02 | . | 18 |
| 19 | . | . | . | 24 | 22 | . | . | . | . | 43 | 01 | . | 19 |
| 20 | . | . | . | 20 | 49 | . | 11 | 33 | . | 19 | 05 | . | 20 |
| 21 | 06 | . | 28 | 04 | 42 | . | 02 | 40 | . | 66 | 09 | 02 | 21 |
| 22 | 01 | . | 30 | 21 | 34 | . | 25 | . | . | 06 | 1·02 | 12 | 22 |
| 23 | . | 02 | . | 06 | 46 | . | 11 | . | . | 09 | 10 | 09 | 23 |
| 24 | 05 | . | . | 07 | . | 06 | 35 | . | 28 | . | 15 | 01 | 24 |
| 25 | . | 04 | . | 10 | 11 | 02 | 05 | . | 08 | 94 | 23 | . | 25 |
| 26 | . | 01 | . | 22 | 22 | 01 | 46 | . | 11 | 38 | 34 | . | 26 |
| 27 | . | . | 39 | 21 | 40 | 10 | 41 | . | . | 07 | 09 | 15 | 27 |
| 28 | . | 01 | 30 | 08 | 17 | . | 21 | . | . | . | . | 05 | 28 |
| 29 | 09 | . | 63 | 14 | 08 | 13 | 30 | 48 | 19 | 93 | 16 | 30 | 29 |
| 30 | . | × | 27 | 01 | . | 45 | 10 | 04 | 02 | 06 | 40 | 16 | 30 |
| 31 | 02 | × | 17 | × | 01 | × | 21 | . | × | . | × | 11 | 31 |
| TOTAL | 6·14 | ·57 | 3·20 | 4·49 | 5·61 | 1·16 | 5·44 | 1·54 | 5·96 | 8·13 | 3·66 | 2·38 | YEAR'S TOTAL<br>48·28 |
| *Days with ·01 in. or more. | 18 | 12 | 10 | 25 | 22 | 8 | 22 | 12 | 21 | 22 | 23 | 19 | 214 |
| *Days with ·04 in. or more. | 16 | 4 | 10 | 22 | 20 | 5 | 18 | 6 | 16 | 22 | 16 | 14 | 169 |

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*See Instruction 2 (*f*) on other side.

(*Signed*)

[P.T.O.

2843

Section **A** for the entry of Daily Observations.

COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1933.

*Kept at* Brushes Clough

*in the County of* Lancashire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 921 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | 09 | 87 | 04 | . | . | . | . | . | 08 | . | 31 | . | 1 |
| 2 | 47 | . | 20 | 32 | 01 | 19 | . | 13 | . | . | 01 | . | 2 |
| 3 | . | 58 | 35 | . | 41 | . | . | . | . | . | 04 | . | 3 |
| 4 | 24 | 19 | 34 | . | 19 | . | . | . | . | . | . | . | 4 |
| 5 | 29 | 32 | 06 | . | 13 | . | . | . | . | . | 04 | . | 5 |
| 6 | 05 | 15 | . | . | 26 | . | . | . | . | . | 01 | 03 | 6 |
| 7 | 11 | 45 | 20 | . | 11 | . | 03 | 03 | . | 96 | . | 02 | 7 |
| 8 | 35 | 14 | 17 | 02 | 10 | . | 35 | 02 | . | . | . | 08 | 8 |
| 9 | . | 50 | . | 33 | 07 | . | 86 | 06 | . | 71 | 18 | . | 9 |
| 10 | 16 | 04 | . | . | . | 10 | 01 | . | . | 1·01 | 12 | . | 10 |
| 11 | . | . | . | 01 | . | . | 1·30 | 03 | . | 37 | . | 01 | 11 |
| 12 | . | . | . | . | . | 13 | 22 | . | . | 09 | . | 01 | 12 |
| 13 | . | . | 03 | . | 24 | . | 50 | . | 08 | 23 | 23 | . | 13 |
| 14 | 28 | . | 05 | . | 22 | . | 12 | . | . | 06 | 28 | 03 | 14 |
| 15 | 52 | . | 03 | . | . | . | 02 | 16 | . | 28 | 60 | . | 15 |
| 16 | 18 | 02 | 26 | 02 | 05 | 40 | . | . | . | 21 | 05 | . | 16 |
| 17 | 06 | . | 95 | 08 | . | 69 | . | 50 | 10 | . | 22 | . | 17 |
| 18 | 01 | 03 | 28 | . | 02 | 66 | . | 02 | . | . | 08 | . | 18 |
| 19 | . | . | 64 | 01 | . | 03 | 08 | . | 06 | . | 09 | 03 | 19 |
| 20 | . | 18 | . | . | . | . | . | 15 | 20 | . | . | . | 20 |
| 21 | . | 01 | . | . | . | 05 | . | 44 | 02 | . | . | . | 21 |
| 22 | . | . | . | . | . | 50 | . | 12 | . | 09 | . | . | 22 |
| 23 | . | 02 | . | 46 | 04 | . | . | 05 | 02 | 03 | . | . | 23 |
| 24 | . | 30 | . | 21 | 11 | 31 | . | . | 83 | . | . | 01 | 24 |
| 25 | . | 26 | . | 20 | . | . | . | . | 79 | . | | 07 | 25 |
| 26 | . | 34 | . | 81 | . | . | . | . | . | 35 | 04 | . | 26 |
| 27 | . | 02 | . | 01 | 01 | . | | . | . | . | . | . | 27 |
| 28 | . | . | . | 12 | . | . | 13 | . | 01 | 14 | . | . | 28 |
| 29 | . | | . | 09 | . | . | 07 | . | . | 06 | . | 04 | 29 |
| 30 | 03 | × | . | 07 | 20 | . | 24 | . | . | 28 | . | 23 | 30 |
| 31 | 44 | × | 11 | × | . | × | 36 | 12 | × | 20 | × | . | 31 |
| TOTAL | 3·28 | 4·42 | 3·71 | 2·76 | 2·17 | 3·06 | 4·29 | 1·83 | 2·19 | 5·07 | 2·30 | ·56 | YEAR'S TOTAL<br>35·64 |
| *Days with ·01 in. or more. | 15 | 18 | 15 | 15 | 16 | 10 | 14 | 13 | 10 | 16 | 15 | 11 | 168 |
| *Days with ·04 in. or more. | 13 | 13 | 13 | 10 | 13 | 9 | 11 | 9 | [illegible] | 15 | 13 | 4 | 131 |

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*See Instruction 2 (*f*) on other side.

D

(Signed)

P.T.O.

Section **A** for the entry of Daily Observations.

COPY FOR OFFICIAL USE.

Station No. 2843

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1934.

*Kept at* Brushes Clough

*in the County of* Lancashire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 921 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | 15 | . | 01 | . | . | . | . | 07 | 10 | 12 | 07 | 51 | | 1 |
| 2 | 01 | 02 | 14 | . | . | . | . | 66 | 08 | . | 19 | 72 | | 2 |
| 3 | 09 | 02 | . | . | . | . | . | 04 | . | 09 | 10 | 07 | | 3 |
| 4 | 22 | . | 31 | 08 | 05 | . | . | . | 05 | 68 | . | 83 | | 4 |
| 5 | . | . | 05 | . | 12 | . | . | 33 | . | 19 | 05 | 24 | | 5 |
| 6 | . | . | 08 | 13 | 63 | 10 | . | 08 | . | 25 | . | 36 | | 6 |
| 7 | 38 | 02 | 14 | 03 | . | 09 | . | . | . | 13 | 26 | 41 | | 7 |
| 8 | . | . | 05 | . | 09 | 32 | . | 06 | 02 | 11 | 78 | 06 | | 8 |
| 9 | . | 03 | 04 | 07 | . | . | . | 14 | . | . | 47 | 03 | | 9 |
| 10 | . | 02 | 40 | 18 | . | . | . | 12 | . | 51 | 20 | . | | 10 |
| 11 | 16 | . | 06 | 33 | . | . | . | 19 | . | 03 | 02 | 18 | | 11 |
| 12 | . | . | 08 | 36 | . | . | 30 | 21 | . | 08 | . | 04 | | 12 |
| 13 | 23 | . | . | 04 | 10 | . | 24 | 01 | . | 30 | 01 | . | | 13 |
| 14 | 30 | . | 10 | . | 05 | 01 | . | . | . | 28 | 16 | 12 | | 14 |
| 15 | 55 | . | 45 | . | 81 | . | . | 18 | 75 | . | 03 | 35 | | 15 |
| 16 | 48 | . | 14 | . | 15 | . | . | . | . | . | 08 | 06 | | 16 |
| 17 | 50 | . | 33 | 01 | 14 | . | 22 | . | 24 | 07 | . | 28 | | 17 |
| 18 | 35 | . | 20 | 12 | 62 | 14 | 11 | 06 | . | . | . | 26 | | 18 |
| 19 | . | . | 28 | 01 | 09 | 49 | . | . | 46 | 22 | . | 10 | | 19 |
| 20 | . | . | 04 | 15 | 30 | . | . | 09 | 15 | 20 | . | . | | 20 |
| 21 | 03 | . | 01 | . | 12 | 62 | . | 03 | 03 | 12 | . | . | | 21 |
| 22 | 05 | . | 03 | . | 01 | . | . | 23 | 58 | 14 | 01 | . | | 22 |
| 23 | . | . | 10 | 43 | . | 01 | 62 | 09 | . | 16 | 07 | 03 | | 23 |
| 24 | . | 18 | 09 | 15 | . | 10 | 01 | . | 35 | 13 | 01 | . | | 24 |
| 25 | 06 | 10 | . | 11 | 02 | . | 21 | . | 26 | 42 | . | 33 | | 25 |
| 26 | 16 | . | 04 | 18 | . | 18 | 45 | . | 41 | 06 | 06 | 12 | | 26 |
| 27 | . | . | . | 33 | . | 16 | 63 | . | 10 | 49 | 02 | 25 | | 27 |
| 28 | . | . | . | 12 | . | 20 | 14 | 18 | . | 31 | . | 69 | | 28 |
| 29 | . | | 01 | . | . | . | 10 | 54 | 42 | 12 | . | 21 | | 29 |
| 30 | 14 | X | . | . | . | . | 11 | 51 | 14 | 27 | . | 28 | | 30 |
| 31 | . | X | . | X | . | X | 49 | . | X | 05 | X | 22 | | 31 |
| TOTAL | 3·86 | ·39 | 3·18 | 2·83 | 3·30 | 2·42 | 3·63 | 3·82 | 4·14 | 5·53 | 2·59 | 6·74 | Year's Total<br>42.43 | |
| *Days with ·01 in. or more. | 17 | 7 | 24 | 18 | 15 | 12 | 13 | 20 | 16 | 26 | 18 | 25 | 211 | |
| *Days with .04 in. or more. | 15 | 2 | 20 | 15 | 13 | 10 | 12 | 18 | 14 | [illegible] | 12 | 23 | 179 | |

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*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*)

[P.T.O.

COPY FOR OFFICIAL USE.

**Section** **A** **for the entry of Daily Observations.** **Station No.** 2843

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1935.

*Kept at* Brushes Clough

*in the County of* Lancashire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 921 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | 58 | 39 | 03 | 04 | . | . | 06 | . | 10 | 76 | 14 | 22 | 1 |
| 2 | 01 | 12 | . | . | . | 27 | 02 | 01 | 13 | 23 | 08 | 46 | 2 |
| 3 | 08 | 71 | 10 | 08 | . | 08 | 57 | . | 45 | 01 | 15 | 15 | 3 |
| 4 | . | 01 | . | 01 | . | 43 | 06 | . | 41 | 17 | . | 01 | 4 |
| 5 | . | 50 | 21 | 18 | . | 28 | 03 | . | 30 | 06 | 24 | 27 | 5 |
| 6 | 01 | 01 | . | 05 | . | 52 | . | . | . | . | . | . | 6 |
| 7 | . | . | . | 09 | . | 26 | . | . | . | 32 | 13 | 29 | 7 |
| 8 | . | . | . | 17 | . | . | . | . | . | 35 | 02 | 36 | 8 |
| 9 | . | . | . | 33 | . | 10 | . | . | . | 1·96 | 16 | . | 9 |
| 10 | . | 08 | 02 | 37 | . | 04 | . | . | . | 53 | 11 | . | 10 |
| 11 | 47 | 17 | . | . | . | 12 | . | 02 | . | 33 | 12 | 10 | 11 |
| 12 | . | 20 | . | . | . | 76 | . | . | 06 | . | . | . | 12 |
| 13 | 14 | 12 | . | 15 | 27 | . | . | . | 07 | 21 | . | . | 13 |
| 14 | . | . | . | 34 | 10 | 19 | . | . | 18 | 03 | 1·30 | 27 | 14 |
| 15 | . | 1·53 | . | 48 | 06 | . | 01 | . | 27 | 16 | 21 | 25 | 15 |
| 16 | . | 37 | 16 | 31 | 01 | 21 | 15 | 02 | 56 | 02 | 25 | . | 16 |
| 17 | . | 10 | . | 46 | 46 | 18 | 05 | 01 | 48 | 04 | 48 | . | 17 |
| 18 | 01 | 01 | . | 16 | 06 | 10 | 32 | . | 53 | 48 | 08 | . | 18 |
| 19 | . | 09 | . | 29 | . | 32 | 30 | . | . | 17 | 21 | . | 19 |
| 20 | . | 1·22 | . | 32 | . | 20 | 09 | . | . | . | 46 | . | 20 |
| 21 | . | 30 | . | 05 | . | . | . | 01 | 86 | 20 | 21 | 21 | 21 |
| 22 | . | 16 | 10 | . | . | . | . | . | 05 | . | . | . | 22 |
| 23 | 01 | . | 1·16 | 1·38 | . | . | . | 55 | 03 | 25 | . | . | 23 |
| 24 | 51 | 36 | 03 | . | . | . | . | . | 1·68 | 05 | . | 12 | 24 |
| 25 | 18 | 11 | 37 | . | . | 40 | . | . | . | . | 07 | 04 | 25 |
| 26 | . | . | . | . | . | . | 08 | 1·40 | 54 | 56 | 22 | 29 | 26 |
| 27 | . | 06 | . | . | . | 09 | 44 | . | 46 | 1·14 | 43 | 16 | 27 |
| 28 | 04 | 20 | . | . | 04 | . | . | 09 | 15 | 54 | 15 | 01 | 28 |
| 29 | 01 | | 05 | . | . | . | . | 01 | 18 | 80 | 11 | 19 | 29 |
| 30 | 10 | X | . | . | . | 16 | . | 15 | 47 | 62 | 1·08 | 06 | 30 |
| 31 | 04 | X | 02 | X | . | X | . | . | X | 33 | X | 30 | 31 |
| TOTAL | 2·19 | 6·82 | 2·25 | 5·26 | 1·00 | 4·71 | 2·18 | 2·27 | 7·96 | 10·32 | 6·41 | 3·76 | YEAR'S TOTAL 55·13 |
| *Days with ·01 in. or more. | 14 | 22 | 11 | 19 | 7 | 21 | 13 | 10 | 21 | 26 | 23 | 19 | 206 |
| *Days with .04 in. or more. | 9 | 19 | 7 | 18 | 6 | 21 | 10 | 4 | 20 | 23 | 22 | 17 | 176 |

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*See Instruction 2 (*f*) on other side.

(*Signed*)

[P.T.O.

COPY FOR OFFICIAL ✗ USE.

Section **A** for the entry of Daily Observations. Station No. 2843

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1936.

*Kept at* Brushes Clough

*in the County of* Lancashire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 921 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | . | 09 | 06 | 38 | . | . | . | 38 | 06 | . | 22 | 32 | | 1 |
| 2 | . | 07 | 03 | 07 | . | 53 | 01 | 27 | 05 | . | 04 | 22 | | 2 |
| 3 | 01 | . | . | . | . | 56 | 07 | 13 | 67 | . | . | 19 | | 3 |
| 4 | 29 | 18 | 20 | . | . | 01 | 01 | 10 | 60 | 01 | 31 | 30 | | 4 |
| 5 | 07 | 05 | 71 | . | 01 | . | . | 18 | 54 | 01 | 01 | 49 | | 5 |
| 6 | 12 | . | 08 | . | 02 | 05 | 10 | 59 | 76 | . | 12 | . | | 6 |
| 7 | 01 | . | 12 | . | . | . | 42 | . | 88 | . | 10 | 18 | | 7 |
| 8 | 37 | . | 19 | . | . | . | . | . | 02 | 01 | 56 | 17 | | 8 |
| 9 | 26 | . | 05 | . | . | . | 03 | . | 08 | 02 | 1·31 | . | | 9 |
| 10 | 07 | . | . | . | . | . | 49 | . | . | . | 94 | . | | 10 |
| 11 | . | . | . | 02 | . | 14 | 53 | 04 | 03 | . | 61 | 01 | | 11 |
| 12 | . | . | . | 19 | 07 | 59 | 51 | 05 | 54 | 09 | 26 | 02 | | 12 |
| 13 | 02 | . | . | 14 | 04 | 03 | 11 | . | . | 24 | 03 | 41 | | 13 |
| 14 | . | . | . | 10 | . | 29 | 06 | 10 | 71 | 23 | 35 | 96 | | 14 |
| 15 | 19 | 01 | 03 | 16 | . | 13 | 15 | 17 | 10 | . | 58 | 14 | | 15 |
| 16 | 05 | 05 | 01 | 04 | . | . | 04 | . | 01 | 03 | 81 | . | | 16 |
| 17 | 16 | 48 | 02 | . | 02 | . | 23 | 09 | . | 64 | 09 | 25 | | 17 |
| 18 | . | 04 | . | . | . | 12 | 29 | 10 | . | 85 | . | 02 | | 18 |
| 19 | 38 | 25 | 04 | 05 | . | 16 | 27 | 41 | . | 10 | . | . | | 19 |
| 20 | 33 | 04 | . | . | . | . | 03 | . | 01 | 05 | . | . | | 20 |
| 21 | 17 | . | 04 | 09 | . | . | . | . | . | 10 | . | . | | 21 |
| 22 | 16 | 39 | 03 | . | 03 | 2·69 ✓ | 15 | . | . | . | . | 09 | | 22 |
| 23 | . | 01 | 36 | 28 | 08 | . | 64 | . | . | 08 | . | . | | 23 |
| 24 | 10 | 08 | 02 | 10 | 25 | . | 03 | 07 | 21 | 87 | 01 | 08 | | 24 |
| 25 | 21 | . | 03 | 06 | . | 06 | 11 | . | 37 | 32 | . | 06 | | 25 |
| 26 | 02 | 24 | 17 | 02 | . | . | 02 | . | 09 | 68 | . | . | | 26 |
| 27 | 68 | . | 04 | . | . | . | . | . | 20 | 45 | . | . | | 27 |
| 28 | 49 | 49 | 09 | . | . | . | 12 | . | . | . | . | 10 | | 28 |
| 29 | 08 | 42 | 96 | . | 07 | 53 | . | . | . | 12 | 24 | 17 | | 29 |
| 30 | 37 | ✕ | . | . | 65 | 02 | 26 | 01 | . | 77 | 06 | 06 | | 30 |
| 31 | 07 | ✕ | 02 | ✕ | 01 | ✕ | 12 | 03 | ✕ | . | ✕ | 42 | | 31 |
| | | | | | | | | | | | | | Year's Total | |
| TOTAL | 4·68 | 2·89 | 3·30 | 1·70 | 1·25 | 5·91 | 4·80 | 2·72 | 5·93 | 5·67 | 6·65 | 4·66 | 50·16 | ✓ |
| * Days with .01 in. or more. | 24 | 16 | 22 | 14 | 11 | 15 | 25 | 16 | 19 | 20 | 19 | 21 | 222 | ✓ |
| * Days with .04 in. or more. | 20 | 14 | 14 | 12 | 6 | 12 | 19 | 14 | 15 | 15 | 14 | 18 | 175 | ✓ |

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) Chas. J. Blakey. [P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No 28'43

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1937.

*Kept at* Brushes Clough
*in the County of* Lancashire
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft 0 in.
,, Ground ,, Sea Level 921 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following ✓

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | 06 | 19 | 10 | . | . | 02 | 02 | . | 53 | . | . | 10 | | 1 |
| 2 | 31 | 38 | 19 | 11 | . | . | 01 | . | 01 | 03 | . | 16 | | 2 |
| 3 | . | 13 | 07 | 09 | 09 | 68 | 04 | . | . | . | . | 04 | | 3 |
| 4 | 28 | 07 | 06 | 08 | 14 | . | 07 | 02 | . | . | . | 65 | | 4 |
| 5 | 1·35 | . | 12 | . | . | . | 01 | . | . | . | . | 03 | | 5 |
| 6 | 11 | . | 03 | 14 | 12 | . | . | 52 | 01 | 02 | 04 | 09 | | 6 |
| 7 | 06 | 36 | . | 56 | 10 | 06 | . | . | 09 | . | . | 04 | | 7 |
| 8 | - | 55 | . | 10 | . | 13 | 06 | . | . | . | 03 | 04 | | 8 |
| 9 | 01 | 29 | 01 | 03 | 23 | 01 | 45 | 29 | . | . | . | 02 | | 9 |
| 10 | 03 | 11 | . | . | 05 | 05 | 02 | 01 | . | 02 | . | 26 | | 10 |
| 11 | . | . | 47 | . | 18 | . | 03 | . | . | . | . | 07 | | 11 |
| 12 | 09 | 37 | 03 | 01 | 06 | 14 | 10 | 18 | 25 | . | . | 19 | | 12 |
| 13 | . | 14 | . | 02 | 03 | 44 | . | 11 | 03 | 01 | . | 18 | | 13 |
| 14 | . | 12 | 13 | . | . | . | . | 17 | 14 | 01 | . | 16 | | 14 |
| 15 | 35 | 45 | - | 38 | . | . | 48 | . | 12 | . | . | 04 | | 15 |
| 16 | 13 | 56 | 08 | 26 | 14 | . | . | 20 | 18 | . | . | 02 | | 16 |
| 17 | 06 | 04 | 43 | 16 | . | 03 | . | 03 | 16 | . | . | . | | 17 |
| 18 | 43 | 31 | 27 | 17 | . | . | 01 | 21 | 17 | . | 22 | . | | 18 |
| 19 | 15 | 26 | 01 | 25 | . | 11 | 09 | 04 | . | . | 66 | . | | 19 |
| 20 | 06 | 25 | . | 15 | 49 | 01 | . | . | . | . | . | 05 | | 20 |
| 21 | 04 | 05 | 01 | 10 | 02 | . | 48 | . | . | . | . | 26 | | 21 |
| 22 | 01 | 01 | 24 | 06 | 03 | . | 15 | . | . | 49 | 05 | 19 | | 22 |
| 23 | 02 | . | . | . | 22 | . | 17 | . | . | 63 | 25 | . | | 23 |
| 24 | 06 | 24 | 16 | . | 03 | . | 14 | . | 23 | 12 | . | 06 | | 24 |
| 25 | 07 | 31 | . | . | . | . | . | 03 | . | 10 | - | 04 | | 25 |
| 26 | . | 42 | 09 | . | 62 | . | . | 02 | 10 | . | . | 08 | | 26 |
| 27 | . | 44 | - | 14 | . | . | . | . | . | 44 | . | 05 | | 27 |
| 28 | 02 | 13 | . | . | . | 04 | . | . | . | 16 | . | . | | 28 |
| 29 | 03 | | . | . | 02 | . | . | . | . | 02 | 11 | 01 | | 29 |
| 30 | 12 | ✕ | . | . | . | 33 | . | 24 | . | 15 | ·72 | 05 | | 30 |
| 31 | 21 | ✕ | . | ✕ | . | ✕ | . | 07 | ✕ | 12 | ✕ | . | | 31 |
| TOTAL | 4·06 | 6·18 | 2·50 | 2·81 | 2·57 | 2·05 | 2·33 | 2·14 | 2·02 | 2·32 | 2·08 | 2·88 | Year's Total<br>33·94 | ✓✓ |
| *Days with ·01 in. or more. | 24 | 24 | 18 | 18 | 17 | 13 | 17 | 15 | 13 | 14 | 8 | 25 | 206 | ✓✓ |
| *Days with .04 in. or more. | 18 | 23 | 13 | 15 | 12 | 9 | 11 | 10 | 10 | 8 | 7 | 21 | 157<br>157 | ✓✓ |

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*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) Chas. J. Oakley.

[P.T.O.

Section **A** for the entry of Daily Observations.

COPY FOR OFFICIAL USE.

Station No. 2843

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1938.

*Kept at* Arushes Clough

*in the County of* Lancashire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 921 ft.

OLDHAM CORPORATION
ENGINEER'S OFFICE
4 JAN 1939
PIETHORNE, NR. ROCHDALE
WATERWORKS

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |  | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † |  |
| 1 | . | 02 | . | 11 | 03 | 83 | 06 | 07 | . | 02 | 21 | 30 |  | 1 |
| 2 | 09 | 10 | . | 38 | 11 | 58 | 03 | . | . | 1·33 | 12 | 31 |  | 2 |
| 3 | 03 | . | . | . | . | 03 | 05 | . | 21 | 1·41 | 18 | 05 |  | 3 |
| 4 | 06 | . | . | 06 | . | 04 | 28 | 88 | . | 31 | 46 | 1·44 |  | 4 |
| 5 | 01 | 03 | . | 10 | . | 16 | 26 | 39 | 03 | 84 | 02 | 08 |  | 5 |
| 6 | 32 | 01 | . | . | . | 06 | 30 | 01 | 08 | 36 | . | 02 |  | 6 |
| 7 | 29 | . | . | . | . | . | 46 | 02 | 26 | 27 | . | . |  | 7 |
| 8 | 46 | 01 | . | . | . | . | 33 | 01 | . | 1·06 | . | 26 |  | 8 |
| 9 | 16 | 48 | 17 | . | . | 39 | 16 | 03 | . | 14 | . | 28 |  | 9 |
| 10 | 01 | 09 | 04 | . | . | 09 | 68 | . | . | 12 | . | 04 |  | 10 |
| 11 | 24 | 08 | . | . | 01 | 04 | 27 | 01 | 07 | 07 | 12 | 05 |  | 11 |
| 12 | 26 | . | . | . | 21 | . | . | 08 | . | 1·44 | 27 | . |  | 12 |
| 13 | 01 | . | . | . | 03 | . | 04 | . | 08 | 30 | 35 | 36 |  | 13 |
| 14 | 34 | 04 | . | . | 16 | . | 23 | . | 10 | 02 | 03 | 04 |  | 14 |
| 15 | 48 | . | 01 | . | 01 | . | 15 | 41 | . | 10 | . | 31 |  | 15 |
| 16 | 1·22 | . | 07 | . | 33 | . | 15 | 38 | . | 06 | 08 | 17 |  | 16 |
| 17 | . | 03 | . | . | 48 | . | 13 | 14 | 09 | 73 | 07 | 05 |  | 17 |
| 18 | 13 | . | . | . | 14 | 10 | . | 65 | . | 56 | 30 | . |  | 18 |
| 19 | . | . | . | . | . | . | . | 36 | 02 | . | . | 09 |  | 19 |
| 20 | 24 | . | . | . | . | . | . | 06 | 12 | . | 58 | 06 |  | 20 |
| 21 | 03 | . | 08 | . | . | . | . | 10 | 02 | . | 06 | 02 |  | 21 |
| 22 | . | . | . | 03 | . | 27 | . | . | . | . | 28 | 04 |  | 22 |
| 23 | 01 | . | . | . | 21 | 62 | . | 02 | ·03 | . | 51 | 02 |  | 23 |
| 24 | 12 | 01 | 29 | . | 07 | 15 | 66 | 43 | 07 | ·01 | 30 | 01 |  | 24 |
| 25 | 31 | 48 | 06 | . | . | 06 | 21 | 02 | . | 46 | 65 | 09 |  | 25 |
| 26 | 32 | 42 | 24 | . | 03 | 07 | 15 | . | 04 | 28 | 22 | 10 |  | 26 |
| 27 | 37 | 25 | 03 | . | 82 | 78 | 19 | 21 | 03 | . | 49 | . |  | 27 |
| 28 | 39 | 20 | 14 | . | 28 | 83 | 10 | 26 | 14 | 05 | 03 | 19 |  | 28 |
| 29 | 12 |  | 27 | . | 1·48 | 20 | 18 | . | . | 17 | 11 | 39 |  | 29 |
| 30 | 30 | × | . | . | 15 | 03 | 01 | . | 36 | . | 21 | 13 |  | 30 |
| 31 | 36 | × | 06 | × | 44 | × | . | . | × | 66 | × | 1·02 |  | 31 |
| TOTAL | 6·68 | 2·25 | 1·46 | ·68 | 4·99 | 5·33 | 5·18 | 4·54 | 1·75 | 11·07 | 5·66 | 5·92 | Year's Total<br>55·50 | ✓ |
| *Days with ·01 in. or more. | 27 | 15 | 12 | 5 | 18 | 19 | 23 | 21 | 17 | 24 | 23 | 27 | 231 | ✓ |
| *Days with ·04 in. or more. | 21 | 9 | 10 | 4 | 13 | 17 | 21 | 14 | 12 | 21 | 20 | 23 | 185 | ✓ |

† Spare column, no entries required.

(*Signed*) Charles Burfield

[P.T.O.

40-9999

*See Instruction 2 (*f*) on other side.

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1939.

2843

*Kept at* Brushes Clough

*in the County of* Lancashire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 921 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | 26 | · | 28 | 02 | · | · | 02 | 06 | 07 | 01 | · | 69 | 1 |
| 2 | 11 | | 01 | 10 | · | · | 46 | 57 | 82 | 09 | 07 | 12 | 2 |
| 3 | 03 | · | · | 12 | · | · | · | 23 | 02 | · | 03 | 54 | 3 |
| 4 | 28 | · | 42 | 26 | · | · | 1·04 | · | · | 01 | 03 | 78 | 4 |
| 5 | · | | · | 01 | 64 | · | 23 | 04 | · | 23 | 29 | 05 | 5 |
| 6 | 55 | 27 | 02 | · | · | · | 59 | · | · | · | 32 | | 6 |
| 7 | 40 | 38 | 19 | · | 08 | · | 12 | · | · | · | 19 | 31 | 7 |
| 8 | 51 | 24 | 21 | 05 | · | · | 97 | 06 | · | 15 | 31 | 56 | 8 |
| 9 | 14 | 68 | · | · | · | · | 05 | 37 | · | 47 | 11 | 72 | 9 |
| 10 | 19 | 02 | 03 | · | · | 19 | · | 74 | 57 | 14 | 01 | 12 | 10 |
| 11 | 46 | 06 | 22 | · | · | 22 | | · | 03 | 02 | · | 02 | 11 |
| 12 | 38 | 09 | · | · | · | 25 | · | · | 01 | · | · | · | 12 |
| 13 | · | · | 02 | 42 | 18 | 13 | 06 | · | 06 | 16 | 06 | · | 13 |
| 14 | 59 | · | 02 | 10 | 49 | 41 | 36 | · | · | 08 | 23 | · | 14 |
| 15 | 18 | 10 | 03 | 85 | 21 | 88 | 15 | · | 05 | · | 13 | · | 15 |
| 16 | 21 | 02 | 11 | · | 64 | · | 02 | · | · | · | 10 | · | 16 |
| 17 | 72 | 34 | 05 | 06 | 11 | 04 | 05 | · | · | 26 | 09 | · | 17 |
| 18 | 18 | 23 | 07 | · | · | 23 | 24 | · | · | 02 | 78 | · | 18 |
| 19 | 30 | · | · | · | · | · | 40 | · | 01 | · | 01 | · | 19 |
| 20 | 02 | · | 01 | · | · | 47 | 14 | 14 | 05 | · | · | · | 20 |
| 21 | 11 | 09 | 56 | 14 | 25 | 02 | · | 01 | 07 | · | · | · | 21 |
| 22 | 16 | 24 | 17 | 02 | 02 | · | 07 | · | · | 02 | 66 | · | 22 |
| 23 | 03 | 68 | 05 | 31 | · | | 11 | · | · | 52 | 28 | 04 | 23 |
| 24 | 03 | 07 | 08 | 11 | · | 05 | · | 01 | · | 05 | · | · | 24 |
| 25 | 44 | 24 | 02 | · | | 07 | · | · | · | · | 1·94 | 03 | 25 |
| 26 | 02 | 06 | 02 | · | 01 | · | · | 37 | · | 27 | 46 | 01 | 26 |
| 27 | 09 | 1·61 | 43 | · | · | 33 | 09 | 09 | · | 25 | 38 | 07 | 27 |
| 28 | · | 22 | 31 | 07 | · | 40 | 68 | · | · | | 87 | · | 28 |
| 29 | · | × | 01 | · | · | 04 | 1·36 | · | · | 31 | 45 | · | 29 |
| 30 | · | × | · | · | · | 13 | 27 | · | | · | 36 | · | 30 |
| 31 | · | × | · | × | · | × | 29 | 01 | × | 06 | × | · | 31 |
| TOTAL | 6·39 | 5·64 | 3·34 | 2·64 | 2·63 | 3·86 | 7·77 | 2·40 | 1·46 | 3·12 | 8·16 | 4·06 | YEAR'S TOTAL<br>52·07 |
| *Days with ·01 in. or more. | 25 | 19 | 24 | 15 | 10 | 16 | 23 | 13 | 11 | 19 | 24 | 14 | 213 |
| *Days with ·04 in. or more. | 20 | 14 | 14 | 12 | 8 | 15 | 21 | 10 | 7 | 14 | 20 | 11 | 1[illegible]9 |

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) Charles Brushfield

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 2843

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

Form 1090

# REGISTER OF RAINFALL IN 1940

*Kept at* Brushes Clough

*in the County of* Lancashire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 921 ft.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | · | 02 | · | ·16 | · | ·01 | · | · | ·04 | · | ·45 | ·26 | | 1 |
| 2 | · | 01 | · | ·24 | · | · | ·13 | · | · | · | ·56 | ·24 | | 2 |
| 3 | 02 | · | ·01 | ·21 | · | · | ·19 | · | · | ·17 | ·06 | ·28 | | 3 |
| 4 | · | 15 | · | ·18 | · | · | ·06 | · | · | ·23 | ·24 | ·30 | | 4 |
| 5 | · | · | · | · | ·17 | · | ·18 | · | · | ·62 | ·04 | ·49 | | 5 |
| 6 | 05 | 25 | · | · | · | · | ·07 | · | · | ·88 | ·03 | ·21 | | 6 |
| 7 | 14 | 27 | · | ·30 | ·15 | · | ·08 | ·30 | ·16 | ·02 | · | · | | 7 |
| 8 | 02 | · | ·01 | ·07 | · | · | ·01 | ·04 | · | ·23 | · | ·30 | | 8 |
| 9 | · | · | ·28 | · | · | · | ·68 | ·55 | ·32 | ·45 | 1·38 | ·31 | | 9 |
| 10 | · | · | ·04 | · | · | · | ·45 | ·29 | ·06 | ·24 | ·50 | ·61 | | 10 |
| 11 | · | 06 | ·07 | ·08 | · | ·04 | ·56 | · | · | · | 1·62 | ·01 | | 11 |
| 12 | · | 01 | ·78 | · | · | · | ·23 | ·03 | ·71 | · | ·53 | · | | 12 |
| 13 | · | 03 | ·12 | ·03 | · | · | · | ·08 | ·47 | · | ·04 | ·01 | | 13 |
| 14 | · | 04 | ·01 | ·35 | ·20 | · | ·10 | ·12 | ·18 | · | ·05 | ·62 | | 14 |
| 15 | · | · | ·04 | ·12 | ·09 | ·03 | · | · | ·02 | ·01 | ·06 | ·06 | | 15 |
| 16 | 07 | 03 | ·15 | ·10 | · | · | ·51 | · | 1·61 | ·44 | ·31 | ·08 | | 16 |
| 17 | · | 01 | ·72 | · | ·16 | · | ·54 | · | ·26 | · | ·64 | · | | 17 |
| 18 | 13 | 13 | ·29 | ·66 | · | · | ·09 | ·37 | ·22 | · | ·04 | ·36 | | 18 |
| 19 | · | 16 | ·19 | ·09 | · | · | ·76 | · | ·33 | ·04 | ·36 | ·02 | | 19 |
| 20 | · | 01 | ·05 | ·22 | · | ·01 | ·66 | ·61 | ·19 | ·17 | ·13 | · | | 20 |
| 21 | 01 | · | ·33 | ·03 | · | ·41 | ·45 | ·03 | ·06 | ·10 | ·98 | · | | 21 |
| 22 | · | 06 | ·08 | · | ·13 | ·12 | · | ·06 | ·58 | ·02 | · | · | | 22 |
| 23 | · | 39 | ·05 | ·14 | ·02 | · | ·10 | · | ·12 | ·02 | ·19 | · | | 23 |
| 24 | 52 | 03 | · | ·08 | · | · | · | · | · | ·01 | · | ·06 | | 24 |
| 25 | 08 | · | · | · | · | ·09 | ·01 | · | · | ·04 | · | · | | 25 |
| 26 | 56 | 14 | ·03 | ·03 | ·06 | ·11 | ·01 | · | · | · | ·03 | · | | 26 |
| 27 | × 10 | 42 | · | ·12 | ·01 | · | ·47 | · | ·01 | · | ·10 | · | | 27 |
| 1·10 28 | × 08 | 41 | · | · | ·33 | · | · | ·17 | · | · | · | ·05 | | 28 |
| 29 | · | · | ·28 | ·01 | ·09 | ·44 | ·03 | · | · | ·01 | · | ·72 | | 29 |
| 30 | · | ✕ | · | ·14 | · | · | · | · | · | ·41 | ·02 | ·41 | | 30 |
| 31 | 28 | ✕ | ·24 | ✕ | ·03 | ✕ | · | ·07 | ✕ | 1·04 | ✕ | ·05 | | 31 |
| TOTAL | 2·06 | 2·63 | 3·47 | 3·39 | 1·44 | 1·26 | 6·37 | 2·72 | 5·34 | 5·15 | 8·38 | 5·45 | Year's Total<br>47·96 | |
| * Days with .01 in. or more. | 13 | 20 | 20 | 21 | 12 | 9 | 23 | 13 | 17 | 20 | 23 | 21 | 212 | |
| * Days with .04 in. or more. | 10 | 12 | 16 | 17 | 9 | 6 | 19 | 11 | 15 | 14 | 20 | 18 | 167 | |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) Charles [illegible]

[P.T.O.

**Section** A for the entry
AIR MINISTR

ORGANIZATION.

2843/5

FORM 1000. **REGIS**

3.

XBOLTON

*Kept at* Little Lever

*in the County of* Lan

S. Lancs/3

Diameter of Funnel of Gauge
Height of top of Gauge above Grou
,, Ground ,, Sea

**THE MORNING MEAS**

*An observer who does not conform t*
*year in the space on the right of t*

*llowing*

Jan. 1, following
0.15

2843/5

BOLTON LITTLE LEVER
1933

780501

| Date | Jan. | Feb. | March | | | | | | | | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | | | | | | | – | ·04 | ·01 | – | ·37 | | 1 |
| 2 | | | | | | | – | ·05 | – | – | Tr | | 2 |
| 3 | | | | | | | – | · | – | – | Tr | | 3 |
| 4 | | | | | | | – | · | – | Tr | – | | 4 |
| 5 | | | | | | | – | · | – | – | ·03 | | 5 |
| 6 | | | | | | | – | · | – | – | Tr | ·02 | 6 |
| 7 | | | | | | | ·25 | ·04 | – | ·70 | – | – | 7 |
| 8 | | | | | | | ·11 | ·02 | – | – | – | ·01 | 8 |
| 9 | | | | | | | ·62 | · | – | ·31 | ·15 | ·04 | 9 |
| 10 | | | | | | | ·07 | · | – | 1·22 | ·19 | ·01 | 10 |
| 11 | | | | | | | ·54 | Trace | – | ·33 | – | ·11 | 11 |
| 12 | | | | | | | ·30 | · | – | ·20 | – | – | 12 |
| 13 | | | | | | | ·24 | ·01 | Tr | ·14 | ·16 | – | 13 |
| 14 | | | | | | | ·09 | ·08 | – | ·27 | ·46 | – | 14 |
| 15 | | | | | | | Tr | ·09 | – | ·09 | ·19 | ·01 | 15 |
| 16 | | | | | | | Tr | ·01 | – | Tr | ·03 | – | 16 |
| 17 | | | | | | | ·01 | ·27 | ·06 | – | Tr | – | 17 |
| 18 | | | | | | | – | ·04 | – | – | ·01 | – | 18 |
| 19 | | | | | | | ·30 | ·03 | ·23 | – | ·07 | ·04 | 19 |
| 20 | | | | | | | – | ·32 | Tr | Tr | – | – | 20 |
| 21 | | | | | | | – | ·43 | ·04 | – | Tr | – | 21 |
| 22 | | | | | | | – | ·08 | ·07 | ·07 | – | – | 22 |
| 23 | | | | | | | – | Tr | ·04 | ·08 | – | – | 23 |
| 24 | | | | | | | – | · | ·58 | Tr | – | – | 24 |
| 25 | | | | | | | – | · | ·07 | – | – | ·09 | 25 |
| 26 | | | | | | | – | · | Tr | ·31 | – | ·01 | 26 |
| 27 | | | | | | | – | · | Tr | Tr | – | – | 27 |
| 28 | | | | | | | ·09 | ·02 | – | ·06 | – | – | 28 |
| 29 | | | | | | | ·03 | · | Tr | – | – | ·09 | 29 |
| 30 | | × | | | | | ·12 | · | – | ·26 | – | ·16 | 30 |
| 31 | | × | | × | | × | ·04 | ·15 | × | ·34 | × | ·01 | 31 |
| TOTAL | | | | | | | 2·81 | 1·68 | 1·10 | 4·38 | 1·66 | ·60 | [illegible] |
| *Days with ·01 in. or more. | | | | | | | 14 | 16 | 8 | 14 | 10 | 12 | [illegible] |
| *Days with ·04 in. or more. | | | | | | | 12 | 11 | 7 | 14 | 7 | 6 | [illegible] |

40-9999

*See Instruction 2 (*f*) on other side

D N

(*Signed*) XLM + S. [illegible]

P.T.O.

Section **A** for the entry

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

(284315)

FORM 1090.

~~BOLTON~~

# REGISTER OF RAINFALL IN 1933.

*Kept at* ~~Little Lever~~

*in the County of* Lancaster

Diameter of Funnel of Gauge 5" in.

Height of top of Gauge above Ground – ft 12" ~~in.~~

,, Ground ,, Sea Level 249 ~~ft.~~

ct 2845·50

S Lancs/3

C1933

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following: 0.15

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | | | | | | | – | ·04 | ·01 | – | ·37 | | 1 |
| 2 | | | | | | | – | ·05 | – | – | Tr | | 2 |
| 3 | | | | | | | – | · | – | – | Tr | | 3 |
| 4 | | | | | | | – | · | – | Tr | – | | 4 |
| 5 | | | | | | | – | · | – | – | ·03 | | 5 |
| 6 | | | | | | | – | · | – | – | Tr | ·02 | 6 |
| 7 | | | | | | | ·25 | ·04 | – | ·70 | – | – | 7 |
| 8 | | | | | | | ·11 | ·02 | – | – | – | ·01 | 8 |
| 9 | | | | | | | ·62 | · | – | ·31 | ·15 | ·04 | 9 |
| 10 | | | | | | | ·07 | · | – | 1·22 | ·19 | ·01 | 10 |
| 11 | | | | | | | ·54 | Trace | – | ·33 | – | ·11 | 11 |
| 12 | | | | | | | ·30 | · | – | ·20 | – | – | 12 |
| 13 | | | | | | | ·24 | ·01 | Tr | ·14 | ·16 | – | 13 |
| 14 | | | | | | | ·09 | ·08 | – | ·27 | ·46 | – | 14 |
| 15 | | | | | | | Tr | ·09 | – | ·09 | ·19 | ·01 | 15 |
| 16 | | | | | | | Tr | ·01 | – | Tr | ·03 | – | 16 |
| 17 | | | | | | | ·01 | ·27 | ·06 | – | Tr | – | 17 |
| 18 | | | | | | | – | ·04 | – | – | ·01 | – | 18 |
| 19 | | | | | | | ·30 | ·03 | ·23 | – | ·07 | ·04 | 19 |
| 20 | | | | | | | – | ·32 | Tr | Tr | – | – | 20 |
| 21 | | | | | | | – | ·43 | ·04 | – | Tr | – | 21 |
| 22 | | | | | | | – | ·08 | ·07 | ·07 | – | – | 22 |
| 23 | | | | | | | – | Tr | ·04 | ·08 | – | – | 23 |
| 24 | | | | | | | – | · | ·58 | Tr | – | – | 24 |
| 25 | | | | | | | – | · | ·07 | – | – | ·09 | 25 |
| 26 | | | | | | | – | · | Tr | ·31 | – | ·01 | 26 |
| 27 | | | | | | | – | · | Tr | Tr | – | – | 27 |
| 28 | | | | | | | ·09 | ·02 | – | ·06 | – | – | 28 |
| 29 | | | | | | | ·03 | · | Tr | – | – | ·09 | 29 |
| 30 | | × | | | | | ·12 | · | – | ·26 | – | ·16 | 30 [illegible] |
| 31 | | × | | × | | × | ·04 | ·15 | × | ·34 | × | ·01 | 31 |
| TOTAL | | | | | | | 2·81 | 1·68 | 1·10 | 4·38 | 1·66 | ·60 | ~~YEAR'S~~ TOTAL [illegible] |
| *Days with ·01 in. or more. | | | | | | | 14 | 16 | 8 | 14 | 10 | 12 | [illegible] |
| *Days with ·04 in. or more. | | | | | | | 12 | 11 | 7 | 14 | 7 | 6 | [illegible] |

40-9999

D N

(Signed) X L M + S. [illegible]

P.T.O.

*See Instruction 2 (*f*) on other side.

2844

Section **A** for the entry of

AIR MINISTRY

PY FOR OFFICIAL USE.

ORGANIZATION.

FORM 1090.

# REGIST

2844

ROYTON, PUBLIC PARK

1931 —— 40

780501

Kept at ROYTON (Public

in the County of LANCASH

Diameter of Funnel of Gauge

Height of top of Gauge above Ground

,, Ground ,, Sea Le

**THE MORNING MEASU**

*An observer who does not conform to t*
*year in the space on the right of this*

in a public park
rotect the guage
the reason for the
all round, overleaf.

*wing*

Jan. 1, following

| Date | Jan. | Feb. | March | | | | | | | | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·09 | - | - | ·13 | trace | ·29 | trace | - | ·05 | ·08 | trace | trace | 1 |
| 2 | ·04 | ·08 | - | ·72 | ·06 | 1·12 | - | - | ·76 | ·03 | ·05 | ·08 | 2 |
| 3 | - | - | - | ·05 | - | trace | ·44 | - | ·50 | trace | 1·24 | ·45 | 3 |
| 4 | trace | ·04 | - | ·39 | trace | - | ·19 | ·01 | 1·25 | ·02 | ·09 | ·37 | 4 |
| 5 | trace | ·11 | - | - | ·21 | ·82 | ·05 | ·64 | ·04 | trace | - | ·25 | 5 |
| 6 | - | ·24 | ·01 | trace | ·02 | ·25 | ·48 | ·05 | ·20 | ·63 | ·28 | ·02 | 6 |
| 7 | - | trace | ·01 | - | - | ·51 | ·17 | ·35 | - | ·33 | ·07 | ·12 | 7 |
| 8 | ·07 | ·20 | ·04 | ·14 | ·04 | trace | ·29 | ·26 | ·09 | ·08 | ·31 | trace | 8 |
| 9 | trace | ·71 | ·02 | ·26 | trace | ·12 | - | ·50 | ·03 | ·04 | ·28 | ·06 | 9 |
| 10 | ·06 | ·13 | ·01 | - | ·31 | ·02 | trace | ·08 | ·13 | trace | ·36 | trace | 10 |
| 11 | ·56 | ·56 | - | ·05 | trace | - | ·11 | ·03 | ·48 | - | ·43 | ·01 | 11 |
| 12 | ·05 | ·40 | - | ·01 | - | - | ·59 | trace | trace | ·23 | ·13 | - | 12 |
| 13 | - | - | ·12 | trace | ·09 | ·01 | ·11 | ·12 | - | - | - | - | 13 |
| 14 | ·15 | ·13 | - | trace | ·05 | ·89 | ·01 | ·70 | ·04 | - | ·46 | ·02 | 14 |
| 15 | ·22 | ·27 | - | ·13 | ·14 | - | ·11 | ·39 | trace | - | ·02 | ·08 | 15 |
| 16 | ·35 | ·13 | - | ·35 | ·42 | ·58 | ·09 | ·74 | ·30 | - | - | - | 16 |
| 17 | ·03 | ·10 | - | ·17 | ·06 | ·10 | ·27 | ·41 | ·02 | trace | ·11 | - | 17 |
| 18 | ·30 | trace | - | ·18 | trace | ·54 | ·52 | ·11 | trace | - | ·96 | - | 18 |
| 19 | ·17 | ·26 | trace | ·06 | - | - | ·09 | 1·18 | trace | ·02 | trace | ·01 | 19 |
| 20 | ·01 | ·19 | ·09 | ·02 | - | ·07 | trace | ·24 | - | trace | ·09 | - | 20 |
| 21 | ·54 | ·05 | ·04 | ·01 | ·15 | ·12 | ·02 | ·25 | - | - | ·05 | trace | 21 |
| 22 | ·10 | ·04 | trace | ·05 | ·12 | ·11 | ·05 | - | - | trace | ·04 | - | 22 |
| 23 | ·46 | trace | ·02 | ·09 | ·26 | ·25 | ·42 | - | trace | fog. trace | ·67 | ·20 | 23 |
| 24 | ·06 | ·37 | - | ·01 | ·50 | - | ·06 | - | - | trace | ·02 | ·05 | 24 |
| 25 | ·12 | ·96 | - | ·33 | ·09 | - | ·02 | - | - | - | ·06 | ·13 | 25 |
| 26 | ·03 | ·10 | - | ·20 | - | - | ·01 | - | trace | ·34 | ·54 | - | 26 |
| 27 | ·43 | ·10 | - | ·01 | ·11 | trace | ·34 | - | - | ·38 | ·95 | ·06 | 27 |
| 28 | ·58 | ·47 | - | ·03 | ·05 | - | ·12 | - | ·04 | - | trace | ·12 | 28 |
| 29 | ·21 | × | - | - | ·22 | - | ·17 | - | - | ·67 | ·07 | trace | 29 |
| 30 | trace | × | trace | ·06 | - | - | - | ·12 | ·12 | - | ·02 | - | 30 |
| 31 | ·27 | × | - | × | trace | × | ·07 | - | × | ·02 | × | ·08 | 31 |
| TOTAL | 4·90 | 5·64 | ·36 | 3·45 | 2·90 | 5·80 | 4·80 | 6·06 | 4·05 | 2·53 | 7·30 | 2·13 | YEAR'S TOTAL<br>49·92 |
| *Days with ·01 in. or more. | 23 | 22 | 9 | 23 | 18 | 16 | 25 | 17 | 15 | 12 | 24 | 18 | 222 |
| *Days with ·04 in. or more. | 21 | 22 | 4 | 17 | 17 | 14 | 21 | 15 | 13 | 8 | 21 | 13 | 186 |

40-9999

*See Instruction 2 (*f*) on other side.

(Signed)

Engineer & Surveyor.

P.T.O.

2844

Section **A** for the entry of PY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1931.

*Kept at* ROYTON (Public Park)

*in the County of* LANCASHIRE

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft ½ in.

,, Ground ,, Sea Level 502·32 ft.

FILE REF :- 858207/28

STATION No :- 2844

NOTE —This guage is kept in a public park and it is necessary to protect the guage by an iron fence. Thus the reason for the fence being described as all round, overleaf.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·09 | - | - | ·13 | trace | ·29 | trace | - | ·05 | ·08 | trace | trace | 1 |
| 2 | ·04 | ·08 | - | ·72 | ·06 | 1·12 | - | - | ·76 | ·03 | ·05 | ·08 | 2 |
| 3 | - | - | - | ·05 | - | trace | ·44 | - | ·50 | trace | 1·24 | ·45 | 3 |
| 4 | trace | ·04 | - | ·39 | trace | - | ·19 | ·01 | 1·25 | ·02 | ·09 | ·37 | 4 |
| 5 | trace | ·11 | - | - | ·21 | ·82 | ·05 | ·64 | ·04 | trace | - | ·25 | 5 |
| 6 | - | ·24 | ·01 | trace | ·02 | ·25 | ·48 | ·05 | ·20 | ·63 | ·28 | ·02 | 6 |
| 7 | - | trace | ·01 | - | - | ·51 | ·17 | ·35 | - | ·33 | ·07 | ·12 | 7 |
| 8 | ·07 | ·20 | ·04 | ·14 | ·04 | trace | ·29 | ·26 | ·09 | ·08 | ·31 | trace | 8 |
| 9 | trace | ·71 | ·02 | ·26 | trace | ·12 | - | ·50 | ·03 | ·04 | ·28 | ·06 | 9 |
| 10 | ·06 | ·13 | ·01 | - | ·31 | ·02 | trace | ·08 | ·13 | trace | ·36 | trace | 10 |
| 11 | ·56 | ·56 | - | ·05 | trace | - | ·11 | ·03 | ·48 | - | ·43 | ·01 | 11 |
| 12 | ·05 | ·40 | - | ·01 | - | - | ·59 | trace | trace | ·23 | ·13 | - | 12 |
| 13 | - | - | ·12 | trace | ·09 | ·01 | ·11 | ·12 | - | - | - | - | 13 |
| 14 | ·15 | ·13 | - | trace | ·05 | ·89 | ·01 | ·70 | ·04 | - | ·46 | ·02 | 14 |
| 15 | ·22 | ·27 | - | ·13 | ·14 | - | ·11 | ·39 | trace | - | ·02 | ·08 | 15 |
| 16 | ·35 | ·13 | - | ·35 | ·42 | ·58 | ·09 | ·74 | ·30 | - | - | - | 16 |
| 17 | ·03 | ·10 | - | ·17 | ·06 | ·10 | ·27 | ·41 | ·02 | trace | ·11 | - | 17 |
| 18 | ·30 | trace | - | ·18 | trace | ·54 | ·52 | ·11 | trace | - | ·96 | - | 18 |
| 19 | ·17 | ·26 | trace | ·06 | - | - | ·09 | 1·18 | trace | ·02 | trace | ·01 | 19 |
| 20 | ·01 | ·19 | ·09 | ·02 | - | ·07 | trace | ·24 | - | trace | ·09 | - | 20 |
| 21 | ·54 | ·05 | ·04 | ·01 | ·15 | ·12 | ·02 | ·25 | - | - | ·05 | trace | 21 |
| 22 | ·10 | ·04 | trace | ·05 | ·12 | ·11 | ·05 | - | - | trace | ·04 | - | 22 |
| 23 | ·46 | trace | ·02 | ·09 | ·26 | ·25 | ·42 | - | trace | fog. trace | ·67 | ·20 | 23 |
| 24 | ·06 | ·37 | - | ·01 | ·50 | - | ·06 | - | - | trace | ·02 | ·05 | 24 |
| 25 | ·12 | ·96 | - | ·33 | ·09 | - | ·02 | - | - | - | ·06 | ·13 | 25 |
| 26 | ·03 | ·10 | - | ·20 | - | - | ·01 | - | trace | ·54 | ·54 | - | 26 |
| 27 | ·43 | ·10 | - | ·01 | ·11 | trace | ·34 | - | - | ·38 | ·95 | ·06 | 27 |
| 28 | ·58 | ·47 | - | ·03 | ·05 | - | ·12 | - | ·04 | - | trace | ·12 | 28 |
| 29 | ·21 | × | - | - | ·22 | - | ·17 | - | - | ·67 | ·07 | trace | 29 |
| 30 | trace | × | trace | ·06 | - | - | - | ·12 | ·12 | - | ·02 | - | 30 |
| 31 | ·27 | × | - | × | trace | × | ·07 | - | × | ·02 | × | ·08 | 31 |
| TOTAL | 4·90 | 5·64 | ·36 | 3·45 | 2·90 | 5·80 | 4·80 | 6·06 | 4·05 | 2·53 | 7·30 | 2·13 | YEAR'S TOTAL<br>49·92 |
| *Days with ·01 in. or more. | 23 | 22 | 9 | 23 | 18 | 16 | 25 | 17 | 15 | 12 | 24 | 18 | 222 |
| *Days with ·04 in. or more. | 21 | 22 | 4 | 17 | 17 | 14 | 21 | 15 | 13 | 8 | 21 | 13 | 186 |

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*See Instruction 2 (*f*) on other side.

(*Signed*)

Engineer & Surveyor.

[P.T.O.

2844

**Section** A **for the entry of Daily Observations.** **FOR OFFICIAL USE.**

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1932.

*Kept at* ROYTON (Public PARK)
*in the County of* LANCASTER
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft ½ in.
,, Ground ,, Sea Level 502·32 ft.

NOTE.
This guage is kept in a Public Park and it is necessary to protect the gauge by an iron fence. There's the reason for the fence being described as all round, overleaf.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·37 | ·02 | — | ·31 | ·22 | — | ·15 | ·01 | ·53 | ·27 | ·10 | ·05 | 1 |
| 2 | ·89 | — | Trace | — | ·03 | — | ·03 | ·04 | 1·10 | ·16 | ·16 | ·31 | 2 |
| 3 | ·04 | Trace | — | Trace | — | — | ·32 | Trace | ·11 | Trace | ·02 | ·15 | 3 |
| 4 | ·04 | ·01 | Trace | ·01 | — | — | ·12 | — | ·02 | ·05 | ·18 | ·03 | 4 |
| 5 | 1·17 | Trace | ·15 | ·24 | ·05 | — | ·01 | ·02 | ·18 | — | Trace | ·01 | 5 |
| 6 | 1·04 | — | ·09 | ·42 | ·02 | — | ·02 | — | ·19 | Trace | — | — | 6 |
| 7 | ·05 | — | ·55 | ·21 | — | — | — | — | ·77 | ·30 | ·02 | ·01 | 7 |
| 8 | ·02 | Trace | Trace | ·16 | — | — | — | — | ·09 | ·72 | Trace | Trace | 8 |
| 9 | ·10 | ·12 | — | ·55 | ·02 | — | — | — | ·06 | — | Trace | ·07 | 9 |
| 10 | ·42 | ·04 | Trace | ·12 | — | — | — | — | ·73 | ·42 | Trace | ·05 | 10 |
| 11 | ·04 | ·07 | Trace | ·05 | ·48 | ·09 | ·77 | Trace | ·02 | Trace | ·01 | — | 11 |
| 12 | ·30 | Trace | — | Trace | ·41 | ·03 | ·28 | ·02 | ·03 | ·54 | Trace | ·01 | 12 |
| 13 | — | ·05 | — | ·05 | ·12 | — | ·22 | ·07 | ·26 | ·38 | ·01 | ·19 | 13 |
| 14 | ·04 | — | Trace | ·08 | — | — | ·32 | ·12 | ·03 | ·12 | ·07 | ·05 | 14 |
| 15 | Trace | — | — | ·01 | ·59 | — | Trace | — | — | ·16 | ·09 | ·09 | 15 |
| 16 | ·26 | Trace | — | ·09 | Trace | — | Trace | ·02 | — | ·14 | Trace | ·12 | 16 |
| 17 | — | Trace | Trace | Trace | ·01 | — | ·10 | ·06 | ·07 | ·37 | — | — | 17 |
| 18 | — | — | — | — | ·06 | — | ·02 | — | ·03 | ·02 | ·04 | Trace | 18 |
| 19 | — | ·01 | — | ·24 | ·34 | — | Trace | — | Trace | ·32 | — | — | 19 |
| 20 | — | — | — | ·15 | ·48 | — | ·13 | ·27 | Trace | ·19 | ·05 | Trace | 20 |
| 21 | ·06 | — | ·25 | ·11 | ·40 | — | ·02 | ·39 | (Dew) Trace | ·48 | ·12 | ·02 | 21 |
| 22 | ·01 | — | ·19 | ·19 | ·35 | — | ·07 | — | Trace | ·04 | ·86 | ·09 | 22 |
| 23 | — | ·02 | Trace | ·06 | ·30 | — | ·12 | — | — | ·11 | ·11 | ·07 | 23 |
| 24 | ·06 | Trace | — | ·02 | ·02 | ·05 | ·34 | — | ·27 | ·03 | ·17 | ·07 | 24 |
| 25 | — | ·03 | — | ·11 | ·10 | ·03 | ·07 | — | ·09 | ·87 | ·21 | — | 25 |
| 26 | Trace Fog | Trace | — | ·17 | ·33 | ·02 | ·38 | — | ·08 | ·60 | ·20 | ·01 | 26 |
| 27 | — | — | ·35 | ·22 | ·24 | ·19 | ·33 | — | Trace | ·11 | ·13 | ·11 | 27 |
| 28 | — | Trace | ·20 | ·06 | ·17 | — | ·30 | — | — | Frost Trace | Trace | ·06 | 28 |
| 29 | ·09 | — | ·53 | ·25 | ·07 | ·09 | ·14 | ·40 | ·13 | ·23 | ·15 | ·29 | 29 |
| 30 | — | × | ·23 | ·01 | Trace | ·36 | ·06 | ·07 | ·17 | ·05 | ·29 | ·12 | 30 |
| 31 | ·01 | × | ·14 | × | ·02 | × | ·11 | ·01 | × | ·01 | × | ·09 | 31 |
| TOTAL | 5·01 | ·37 | 2·68 | 3·90 | 4·89 | ·86 | 4·43 | 1·50 | 4·97 | 7·30 | 2·99 | 2·02 | YEAR'S TOTAL 40.92 |
| *Days with ·01 in. or more. | 20 | 10 | 12 | 25 | 23 | 8 | 24 | 13 | 21 | 24 | 20 | 23 | 221 |
| *Days with ·04 in. or more. | 16 | 4 | 10 | 21 | 18 | 5 | 19 | 8 | 16 | 22 | 16 | 16 | 171 |

40-9999

(Signed) Lockwood [P.T.O.

*See Instruction 2 (*f*) on other side.

Section **A** for the entry of Daily Observations.

**FOR OFFICIAL USE.**

2844

FORM 1090.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

# REGISTER OF RAINFALL IN 1933.

*Kept at* ROYTON (Public Park)

*in the County of* LANCASTER

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 1/8 in.

„ Ground „ Sea Level 502·32 ft.

NOTW:-

This guage is kept in a Public Park and it is necessary to protect it by an iron fence. Thus the reason forbthe fence being described as all round(overleaf).

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

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| *Date.* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date.* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | .07 | .65 | .01 | - | - | - | - | .04 | .08 | - | .32 | - | 1 |
| 2 | .34 | - | .18 | .29 | .01 | .34 | - | .09 | - | - | - | - | 2 |
| 3 | Trace | .47 | .31 | - | .58 | - | - | - | - | Trace | .06 | - | 3 |
| 4 | .21 | .14 | .29 | - | .21 | - | - | Trace | - | .01 | Trace | - | 4 |
| 5 | .20 | .22 | .05 | Trace | .18 | - | - | - | - | - | .06 | - | 5 |
| 6 | .08 | .12 | .15 | - | .23 | - | - | Trace | - | .01 | Trace | .05 | 6 |
| 7 | .08 | .32 | .08 | - | .09 | - | .34 | .03 | - | .71 | - | .01 | 7 |
| 8 | .27 | .12 | .15 | .12 | .16 | .37 | .32 | .06 | - | Trace | Trace | .08 | 8 |
| 9 | - | .28 | - | .14 | .14 | Trace | .78 | .05 | - | .65 | .15 | - | 9 |
| 10 | .16 | .02 | - | - | - | .07 | .05 | - | Trace | 1.07 | .23 | - | 10 |
| 11 | Trace | - | - | .02 | Trace | - | 1.16 | .02 | - | .29 | Trace | .03 | 11 |
| 12 | .02 | Trace | Trace | - | Trace | .16 | .36 | - | - | .11 | Trace | .02 | 12 |
| 13 | Trace | - | .04 | - | .22 | Trace | .54 | .02 | Trace | .24 | .18 | - | 13 |
| 14 | .23 | Fog<br>Trace | .05 | - | .03 | - | .09 | .05 | - | .02 | .23 | - | 14 |
| 15 | .38 | - | .02 | - | - | .03 | .01 | .11 | - | .30 | .38 | Trace | 15 |
| 16 | .09 | .02 | .23 | Trace | .04 | .29 | .06 | .02 | - | .20 | .04 | .01 | 16 |
| 17 | .06 | .02 | .85 | .01 | - | .88 | .02 | .38 | .08 | Trace | .11 | Fog<br>Trace | 17 |
| 18 | .02 | .07 | .24 | Trace | .02 | .27 | - | .04 | - | - | .02 | - | 18 |
| 19 | - | .02 | .55 | Trace | - | .04 | - | Trace | .17 | - | .10 | .03 | 19 |
| 20 | - | .14 | Trace | Trace | - | Trace | - | .19 | .03 | Trace | - | Trace | 20 |
| 21 | - | .02 | - | - | - | .02 | - | .44 | .01 | Trace | Trace | Trace | 21 |
| 22 | - | - | - | - | .08 | .37 | - | .13 | - | .10 | - | Trace | 22 |
| 23 | - | .01 | - | .39 | .03 | .01 | - | .03 | .02 | .04 | Trace | - | 23 |
| 24 | - | .10 | - | .19 | .10 | .21 | - | - | .92 | - | Trace | Trace | 24 |
| 25 | - | .19 | - | .17 | .01 | Trace | - | - | .16 | - | Trace | .09 | 25 |
| 26 | Trace | .44 | Trace | .60 | Trace | - | - | - | .01 | .41 | .01 | .01 | 26 |
| 27 | - | Trace | Trace | .01 | .03 | - | Trace | - | Trace | .01 | Trace | Trace | 27 |
| 28 | Trace | - | - | .09 | - | - | .13 | Trace | Trace | .15 | - | - | 28 |
| 29 | Trace | X | Trace | .29 | - | - | .02 | Trace | Trace | .02 | - | .07 | 29 |
| 30 | .06 | X | .03 | .08 | .05 | Trace | .20 | - | - | .35 | - | .31 | 30 |
| 31 | .36 | X | .09 | X | - | X | .12 | .12 | X | .18 | X | - | 31 |
| TOTAL | 2.63 | 3.37 | 3.32 | 2.40 | 2.21 | 3.06 | 4.20 | 1.82 | 1.48 | 4.87 | 1.89 | 0.71 | YEAR'S TOTAL<br>31.96 |
| Days with ·01 in. or more. | 16 | 19 | 17 | 13 | 18 | 13 | 15 | 17 | 9 | 19 | 13 | 11 | 180 |
| Days with ·04 in. or more. | 14 | 13 | 14 | 10 | 12 | 10 | 12 | 12 | 5 | 14 | 11 | 5 | 132 |

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144w)

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(Signed) L. Cookson [P.T.O.

Engineer & Surveyor.

Section **A** for the entry of Daily Observations.

2844

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 19~~3~~4.

Kept at Royton (Public Park)
in the County of Lancaster
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. ½ in.
„ Ground „ Sea Level 502·32 ft.

This guage is kept in a Public Park and it is necessary to protect it by an iron fence Thus the reason for the fence being described as all round, overleaf

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Jan. 1, following.

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| *Date.* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date.* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·11 | — | ·01 | — | — | — | — | ·08 | ·13 | ·04 | ·02 | ·50 | 1 |
| 2 | ·01 | ·02 | ·12 | — | ·01 | — | — | ·56 | ·08 | Trace | ·25 | ·44 | 2 |
| 3 | ·07 | ·01 | Trace | — | — | — | — | ·08 | ·02 | ·09 | ·06 | ·09 | 3 |
| 4 | ·21 | — | ·18 | ·05 | ·10 | — | — | Trace | ·05 | ·64 | Trace | ·83 | 4 |
| 5 | Trace | — | ·05 | Trace | ·05 | — | — | ·39 | Trace | ·13 | ·03 | ·13 | 5 |
| 6 | — | Trace | ·08 | ·11 | ·48 | ·07 | — | ·03 | — | ·23 | — | ·34 | 6 |
| 7 | ·30 | ·03 | ·11 | ·04 | Trace | ·06 | — | — | — | ·11 | ·33 | ·31 | 7 |
| 8 | Trace | ·01 | ·04 | — | ·07 | ·26 | — | ·05 | ·02 | ·08 | ·66 | ·05 | 8 |
| 9 | — | ·04 | ·12 | ·03 | Trace | — | — | ·14 | — | Trace | ·27 | ·02 | 9 |
| 10 | Trace | ·01 | ·23 | ·09 | — | — | — | ·29 | — | ·32 | ·08 | Trace | 10 |
| 11 | ·09 | Trace | ·01 | ·36 | — | — | — | ·38 | Trace | ·01 | ·03 | ·14 | 11 |
| 12 | Trace | Trace | ·04 | ·13 | — | — | ·17 | ·01 | — | ·05 | — | ·04 | 12 |
| 13 | ·23 | — | Trace | ·04 | ·07 | — | ·12 | ·07 | — | ·23 | ·02 | ·01 | 13 |
| 14 | ·20 | — | ·10 | — | ·08 | ·02 | — | Trace | — | ·46 | ·09 | ·10 | 14 |
| 15 | ·50 | Trace | ·37 | — | ·75 | — | Trace | ·15 | ·78 | Trace | ·04 | ·31 | 15 |
| 16 | ·42 | Trace | ·12 | — | ·13 | — | — | — | — | ·01 | ·04 | ·09 | 16 |
| 17 | ·35 | — | ·30 | ·01 | ·16 | — | ·17 | — | ·26 | ·08 | Trace | ·22 | 17 |
| 18 | ·30 | Trace | ·16 | ·18 | ·45 | ·31 | — | ·05 | Trace | Trace | — | ·18 | 18 |
| 19 | — | Trace | ·29 | ·10 | ·10 | ·29 | Trace | Trace | ·47 | ·18 | — | ·09 | 19 |
| 20 | Trace | — | ·03 | ·11 | ·27 | ·19 | — | ·04 | ·09 | ·14 | ·01 | Trace | 20 |
| 21 | ·05 | Trace | ·04 | Trace | Trace | ·40 | — | ·02 | ·17 | ·11 | — | — | 21 |
| 22 | ·05 | — | ·01 | — | Trace | Trace | — | ·21 | ·38 | ·12 | ·01 | Trace | 22 |
| 23 | Trace | Trace | ·14 | ·47 | — | ·02 | ·54 | ·13 | ·01 | ·19 | ·07 | ·04 | 23 |
| 24 | — | ·18 | ·04 | ·18 | ·01 | ·09 | ·01 | — | ·29 | ·06 | Trace | — | 24 |
| 25 | ·05 | ·17 | Trace | ·11 | ·03 | — | ·19 | — | ·23 | ·31 | — | ·36 | 25 |
| 26 | ·17 | — | ·06 | ·15 | — | ·15 | ·23 | — | ·29 | ·05 | ·04 | ·12 | 26 |
| 27 | — | Trace | Trace | ·19 | — | ·26 | ·56 | Trace | ·09 | ·26 | ·03 | ·21 | 27 |
| 28 | Trace | — | — | ·11 | — | ·08 | ·16 | ·64 | ·04 | ·32 | Trace | ·73 | 28 |
| 29 | — | X | Trace | — | — | — | ·09 | ·37 | ·43 | ·16 | — | ·12 | 29 |
| 30 | ·13 | X | Trace | — | — | — | ·08 | ·59 | ·13 | ·27 | — | ·13 | 30 |
| 31 | ·02 | X | — | X | — | X | ·39 | Trace | X | ·06 | X | ·17 | 31 |
| | | | | | | | | | | | | | YEAR'S TOTAL |
| TOTAL | 3·26 | ·47 | 2·65 | 2·46 | 2·76 | 2·20 | 2·71 | 4·28 | 3·96 | 4·71 | 2·08 | 5·77 | 37·31 |
| Days with ·01 in. or more. | 18 | 8 | 23 | 18 | 15 | 13 | 12 | 20 | 19 | 27 | 18 | 26 | 217 |
| Days with ·04 in. or more. | 16 | 3 | 19 | 16 | 12 | 11 | 11 | 17 | 16 | 25 | 11 | 24 | 181 |

40-12-1-27
144w)

(Signed) Cookson

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2844

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1935.

*Kept at* ROYTON (Public Park)

*in the County of* Lancaster

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft 1/2 in.

,, Ground ,, Sea Level 502·32 ft.

Note:-
This gauge is kept in a Public Park and it is necessary to protect the gauge by an iron fence.
Thus the reason for the fence being described as all round, overleaf.

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| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·42 | ·24 | ·04 | ·05 | — | ·05 | ·03 | — | ·07 | ·49 | ·10 | ·32 | | 1 |
| 2 | ·02 | ·11 | — | — | — | ·21 | ·02 | — | ·12 | ·19 | ·07 | ·23 | | 2 |
| 3 | ·07 | ·63 | ·11 | ·11 | — | ·05 | ·44 | Trace | ·46 | ·03 | ·08 | ·28 | | 3 |
| 4 | — | ·02 | ·05 | ·02 | — | ·20 | ·05 | — | ·23 | ·33 | Trace | ·03 | | 4 |
| 5 | — | ·43 | ·13 | ·23 | — | ·17 | ·02 | — | ·35 | ·04 | ·24 | ·18 | | 5 |
| 6 | ·03 | ·01 | ·01 | ·07 | — | ·36 | — | — | — | Trace | Trace | Trace | | 6 |
| 7 | ·01 | Trace | Trace | ·10 | — | ·39 | — | — | — | ·27 | ·10 | ·34 | | 7 |
| 8 | — | Trace | — | ·14 | Trace | Trace | — | — | Trace | ·35 | ·11 | ·39 | | 8 |
| 9 | ·01 | Trace | Trace | ·29 | — | ·13 | — | — | — | 1·72 | ·09 | Trace | | 9 |
| 10 | — | ·07 | Trace | ·25 | — | Trace | Trace | — | — | ·47 | ·20 | Trace | | 10 |
| 11 | ·44 | ·15 | — | Trace | Trace | ·19 | — | ·02 | — | ·34 | ·09 | ·03 | | 11 |
| 12 | — | ·16 | — | — | — | ·70 | — | — | ·05 | Trace | Trace | Trace | | 12 |
| 13 | ·29 | ·08 | — | ·10 | ·19 | ·03 | — | — | ·16 | ·10 | Trace | — | | 13 |
| 14 | — | ·01 | — | ·17 | ·09 | ·07 | — | Trace | ·08 | ·02 | 1·32 | ·23 | | 14 |
| 15 | — | 1·05 | — | ·36 | ·08 | — | ·03 | — | ·21 | ·13 | ·09 | ·22 | | 15 |
| 16 | Trace | ·27 | ·13 | ·29 | ·09 | ·12 | ·13 | ·02 | ·60 | Trace | ·23 | Trace | | 16 |
| 17 | — | ·08 | — | ·43 | ·42 | ·19 | ·30 | ·01 | ·29 | ·06 | ·37 | Trace | | 17 |
| 18 | ·01 | Trace | — | ·15 | ·09 | ·04 | ·11 | Trace | ·45 | ·31 | ·11 | — | | 18 |
| 19 | — | ·05 | — | ·34 | Trace | ·32 | ·29 | — | Trace | ·17 | ·24 | ·02 | | 19 |
| 20 | ·02 | ·91 | — | ·20 | — | ·16 | ·06 | — | — | Trace | ·10 | — | | 20 |
| 21 | — | ·26 | ·01 | ·03 | — | — | — | Trace | ·87 | ·19 | ·07 | ·16 | | 21 |
| 22 | ·02 | ·17 | ·08 | ·05 | — | — | — | — | ·03 | Trace | ·02 | Trace | | 22 |
| 23 | ·03 | ·01 | ·95 | ·04 | — | — | — | ·49 | ·07 | ·24 | — | — | | 23 |
| 24 | ·36 | ·44 | ·05 | — | — | — | — | Trace | 1·64 | ·06 | Trace | ·10 | | 24 |
| 25 | ·17 | ·03 | ·28 | — | — | ·13 | Trace | — | — | Trace | ·09 | ·03 | | 25 |
| 26 | — | Trace | — | — | — | — | ·04 | 1·10 | ·84 | ·37 | ·11 | ·32 | | 26 |
| 27 | Trace | ·05 | Trace | — | — | ·09 | ·29 | Trace | ·51 | ·74 | ·37 | ·09 | | 27 |
| 28 | ·04 | ·04 | — | — | ·10 | — | — | Trace | ·10 | ·35 | ·09 | ·02 | | 28 |
| 29 | ·02 | ✕ | ·04 | — | — | — | — | ·01 | ·38 | ·56 | ·16 | ·15 | | 29 |
| 30 | ·12 | ✕ | Trace | Trace | — | ·16 | — | ·08 | ·23 | ·51 | ·83 | ·09 | | 30 |
| 31 | ·07 | ✕ | ·02 | ✕ | — | ✕ | — | Trace | ✕ | ·36 | ✕ | ·24 | | 31 |
| TOTAL | 2·15 | 5·27 | 1·90 | 3·42 | 1·06 | 3·76 | 1·81 | 1·73 | 7·74 | 8·40 | 5·28 | 3·47 | Year's Total. 45·99 | |
| * Days with .01 in. or more. | 18 | 23 | 13 | 20 | 7 | 20 | 13 | 7 | 21 | 25 | 24 | 20 | 211 | |
| * Days with .04 in. or more. | 9 | 18 | 10 | 18 | 7 | 19 | 9 | 3 | 20 | 23 | 23 | 15 | 174 | |

40-9999

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) L. Cookson.
Engineer & Surveyor.

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2844

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1936.

*Kept at* Royton (Public Park)

*in the County of* Lancaster

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft ½ in.

,, Ground ,, Sea Level 502·32 ft.

Note:- This gauge is kept in a Public Park and it is necessary to protect the gauge by an iron fence. Thus the reason for the fence being described as all round, overleaf.

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| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | ·01 | ·11 | ·05 | ·16 | / | Trace | Trace | ·37 | ·13 | / | ·20 | ·19 | | 1 |
| 2 | ·02 | ·05 | ·02 | ·06 | / | ·35 | / | ·11 | ·04 | / | ·04 | ·15 | | 2 |
| 3 | ·03 | Trace | / | Trace | / | ·12 | ·07 | ·21 | ·56 | / | / | ·10 | | 3 |
| 4 | ·30 | ·18 | ·24 | / | / | ·02 | ·01 | ·16 | ·64 | Trace | ·28 | ·26 | | 4 |
| 5 | ·04 | ·05 | ·46 | / | Trace | Trace | Trace | ·36 | ·34 | Trace | Trace | ·38 | | 5 |
| 6 | ·07 | / | ·08 | / | Trace | ·04 | ·10 | ·34 | ·70 | / | ·12 | / | | 6 |
| 7 | Trace | / | ·10 | / | / | / | ·13 | / | ·63 | / | ·13 | ·30 | | 7 |
| 8 | ·27 | / | ·20 | / | / | ·01 | / | / | Trace | Trace | ·64 | ·14 | | 8 |
| 9 | ·20 | / | ·03 | / | / | / | ·05 | / | ·12 | Trace | 1·09 | / | | 9 |
| 10 | ·10 | / | Trace | Trace | / | / | ·87 | / | Trace | Trace | ·76 | ·02 | | 10 |
| 11 | / | / | / | ·06 | / | ·15 | ·52 | ·10 | ·02 | / | ·36 | ·02 | | 11 |
| 12 | / | / | Trace | ·14 | ·09 | ·61 | ·41 | Trace | ·43 | ·08 | ·12 | ·03 | | 12 |
| 13 | ·03 | / | Trace | ·11 | ·02 | ·02 | ·09 | / | Trace | ·20 | ·03 | ·27 | | 13 |
| 14 | Trace | / | / | ·06 | / | ·25 | ·08 | ·11 | ·71 | ·14 | ·28 | ·79 | | 14 |
| 15 | ·16 | Trace | Trace | ·08 | Trace | ·09 | ·19 | ·19 | ·11 | Trace | ·50 | ·11 | | 15 |
| 16 | ·04 | ·10 | ·01 | ·03 | ·01 | / | ·05 | / | ·01 | ·03 | ·74 | ·02 | | 16 |
| 17 | ·14 | ·32 | ·09 | ·01 | / | / | ·19 | ·10 | / | ·54 | ·04 | ·20 | | 17 |
| 18 | / | ·03 | / | ·02 | / | ·14 | ·24 | ·13 | / | ·84 | Trace | Trace | | 18 |
| 19 | ·21 | ·24 | ·04 | ·10 | / | ·11 | ·22 | ·32 | / | ·08 | / | Trace | | 19 |
| 20 | ·28 | ·06 | / | ·01 | / | / | ·02 | Trace | / | ·04 | / | Trace | | 20 |
| 21 | ·21 | Trace | ·03 | ·07 | / | ·07 | Trace | Trace | / | ·07 | / | ·01 | | 21 |
| 22 | ·14 | ·35 | ·06 | Trace | Trace | 1·52 | ·30 | / | / | Trace | / | ·08 | | 22 |
| 23 | / | ·06 | ·38 | ·24 | ·05 | / | ·38 | ·02 | / | ·07 | / | Trace | | 23 |
| 24 | ·08 | ·07 | ·01 | ·08 | ·18 | / | ·03 | ·03 | ·19 | ·70 | (Fog) ·02 | ·08 | | 24 |
| 25 | ·21 | Trace | Trace | ·13 | Trace | ·01 | ·10 | / | ·32 | ·36 | Trace | ·10 | | 25 |
| 26 | ·04 | ·21 | ·08 | ·01 | Trace | / | ·02 | / | ·35 | ·61 | Trace | Trace | | 26 |
| 27 | ·88 | ·01 | Trace | / | / | / | Trace | / | ·08 | ·38 | Trace | / | | 27 |
| 28 | ·12 | ·39 | ·08 | / | / | / | ·09 | / | / | Trace | Trace | ·08 | | 28 |
| 29 | ·08 | ·32 | ·77 | / | ·21 | ·67 | / | Trace | / | ·10 | ·15 | ·12 | | 29 |
| 30 | ·31 | × | Trace | / | ·29 | Trace | ·31 | Trace | / | ·59 | ·11 | ·07 | | 30 |
| 31 | ·09 | × | ·05 | × | Trace | × | ·01 | ·03 | × | / | × | ·32 | | 31 |
| TOTAL | 4·06 | 2·55 | 2·68 | 1·37 | ·85 | 4·18 | 4·48 | 2·58 | 5·38 | 4·83 | 5·61 | 3·81 | Year's Total 42·38 | ✓ |
| *Days with ·01 in. or more. | 25 | 16 | 19 | 17 | 7 | 16 | 24 | 15 | 17 | 16 | 18 | 23 | 213 | ✓ |
| *Days with .04 in. or more. | 21 | 14 | 13 | 12 | 5 | 12 | ·19 | 12 | 15 | 15 | 16 | 18 | 172 | ✓ |

40-9999

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) Engineer & Surveyor

[P.T.O.

## COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 2844

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1937

File no 858207/28

*Kept at* Royton Public Park

*in the County of* Lancaster

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 1½ in.

,, Ground ,, Sea Level 502·32 ft.

This guage is kept in a Public Park & it is necessary to protect the guage by an iron fence. This is the reason for describing the iron fence overleaf as being all round

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·06 | ·17 | ·08 | — | — | Trace | ·02 | — | ·28 | Trace | Trace | ·13 | | 1 |
| 2 | ·20 | ·27 | ·20 | ·27 | — | Trace | ·04 | — | ·02 | Trace | Trace | ·08 | | 2 |
| 3 | Trace | ·10 | ·10 | ·07 | ·09 | ·52 | ·12 | — | Trace | — | — | ·04 | | 3 |
| 4 | ·25 | ·06 | ·07 | ·09 | ·13 | Trace | ·04 | ·04 | — | — | — | ·71 | | 4 |
| 5 | 1·16 | — | ·06 | ·02 | Trace | ·01 | Trace | — | Trace | Trace | — | ·05 | | 5 |
| 6 | ·05 | — | ·02 | ·11 | ·10 | Trace | ·01 | ·82 | ·02 | ·02 | Trace | ·06 | | 6 |
| 7 | ·06 | ·23 | Trace | ·52 | ·07 | ·06 | Trace | — | ·06 | Trace | Trace | ·05 | | 7 |
| 8 | Trace | ·40 | Trace | ·04 | Trace | ·15 | ·22 | Trace | Trace | Trace | ·03 | ·04 | | 8 |
| 9 | ·02 | ·25 | ·01 | ·04 | ·16 | ·03 | ·29 | ·31 | — | — | — | ·01 | | 9 |
| 10 | ·03 | ·13 | ·03 | — | — | ·04 | Trace | ·16 | — | ·02 | — | ·25 | | 10 |
| 11 | — | ·01 | ·28 | — | ·07 | — | ·02 | — | — | — | — | ·06 | | 11 |
| 12 | ·06 | ·39 | ·02 | ·02 | ·02 | ·06 | ·07 | ·04 | ·19 | — | — | ·21 | | 12 |
| 13 | — | ·14 | Trace | ·01 | — | ·21 | — | ·16 | Trace | ·01 | — | ·20 | | 13 |
| 14 | — | ·09 | ·11 | — | — | Trace | — | ·09 | ·10 | ·03 | ·01 | ·12 | | 14 |
| 15 | ·35 | ·33 | — | ·35 | — | Trace | ·57 | — | ·09 | — | — | ·05 | | 15 |
| 16 | ·07 | ·44 | ·07 | ·28 | ·61 | Trace | — | ·12 | ·14 | — | Trace | Trace | | 16 |
| 17 | ·07 | ·07 | ·40 | ·11 | Trace | ·01 | — | ·01 | ·16 | — | — | Trace | | 17 |
| 18 | ·33 | ·25 | ·21 | ·08 | — | Trace | ·04 | ·29 | ·11 | Trace | ·42 | — | | 18 |
| 19 | ·12 | ·33 | ·01 | ·23 | ·06 | ·06 | ·09 | ·04 | Trace | Trace | ·52 | ·01 | | 19 |
| 20 | ·06 | ·21 | — | ·16 | ·47 | ·12 | ·23 | — | — | — | — | ·16 | | 20 |
| 21 | ·03 | ·07 | ·01 | ·13 | Trace | — | ·26 | — | — | ·08 | — | ·16 | | 21 |
| 22 | ·03 | Trace | ·19 | ·02 | ·03 | — | ·14 | — | — | ·38 | ·18 | ·15 | | 22 |
| 23 | ·05 | — | ·01 | — | ·23 | — | ·23 | — | — | ·43 | ·16 | Trace | | 23 |
| 24 | ·10 | ·18 | ·15 | — | ·07 | — | ·08 | — | ·18 | ·16 | — | ·06 | | 24 |
| 25 | ·01 | ·28 | — | — | Trace | — | Trace | ·08 | ·08 | ·08 | — | ·04 | | 25 |
| 26 | — | ·35 | ·07 | — | ·59 | — | Trace | Trace | Trace | ·02 | Trace | ·07 | | 26 |
| 27 | — | ·55 | Trace | ·13 | — | — | — | — | — | ·27 | Trace | ·03 | | 27 |
| 28 | Trace | ·23 | Trace | — | — | ·04 | — | — | — | ·12 | — | Trace | | 28 |
| 29 | ·02 | ✕ | — | — | ·03 | ·04 | — | — | — | ·05 | ·09 | ·01 | | 29 |
| 30 | ·09 | ✕ | — | — | — | ·23 | — | ·39 | — | ·12 | ·69 | ·02 | | 30 |
| 31 | ·29 | ✕ | — | ✕ | ·02 | ✕ | — | ·12 | ✕ | ·16 | ✕ | Trace | | 31 |
| TOTAL | 3·51 | 5·53 | 2·10 | 2·68 | 2·75 | 1·58 | 2·47 | 2·67 | 1·43 | 1·95 | 2·10 | 2·77 | Year's Total<br>31·54 | ✓ ✓ |
| * Days with .01 in. or more. | 23 | 24 | 20 | 19 | 16 | 14 | 17 | 14 | 12 | 15 | 8 | 25 | 207 | ✓ ✓ |
| * Days with .04 in. or more. | 17 | 23 | 13 | 15 | 12 | 11 | 13 | 13 | 10 | 10 | 6 | 20 | 163 | ✓ ✓ |

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) J. Cookson

[P.T.O.

COPY FOR OFFICIAL USE

**Section** A for the entry of Daily Observations  Station No. 2844

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1938

*Kept at* ROYTON (Public Park)

*in the County of* LANCASTER

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. ½ in.

,, Ground ,, Sea Level 502·32 ft.

NOTE:
This gauge is kept in a Public Park and it is necessary to protect it by an iron fence. Thus the reason for the fence being described as all round overleaf.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | — | ·03 | Trace | ·03 | ·09 | ·81 | ·02 | ·06 | — | ·04 | ·29 | ·30 | | 1 |
| 2 | ·04 | ·04 | Trace | ·33 | ·12 | ·39 | ·02 | — | — | 1·07 | ·04 | ·26 | | 2 |
| 3 | ·02 | — | — | Trace | — | ·03 | ·05 | — | ·22 | 1·07 | ·18 | ·04 | | 3 |
| 4 | ·05 | Trace | — | ·04 | — | ·03 | ·29 | ·54 | Trace | ·24 | ·23 | 1·07 | | 4 |
| 5 | ·02 | ·04 | — | ·03 | — | ·07 | ·22 | ·01 | ·06 | ·91 | Trace | ·08 | | 5 |
| 6 | ·25 | Trace | — | — | — | ·05 | ·39 | Trace | ·05 | ·27 | — | ·02 | | 6 |
| 7 | ·25 | Trace | Trace | — | — | — | ·31 | ·05 | ·18 | ·24 | — | Trace | | 7 |
| 8 | ·48 | ·02 | — | — | — | — | ·29 | ·05 | — | ·84 | — | ·25 | | 8 |
| 9 | ·11 | ·40 | ·10 | — | ·02 | ·40 | ·15 | ·01 | — | ·12 | — | ·24 | | 9 |
| 10 | ·01 | ·06 | ·02 | Trace | — | ·17 | ·57 | Trace | ·01 | ·15 | — | ·04 | | 10 |
| 11 | ·19 | ·06 | Trace | — | ·02 | ·07 | ·26 | ·09 | ·05 | ·18 | ·15 | ·05 | | 11 |
| 12 | ·15 | — | — | Trace | ·16 | — | Trace | ·21 | Trace | 1·22 | ·26 | Trace | | 12 |
| 13 | ·02 | ·01 | — | — | ·04 | — | ·05 | Trace | ·07 | ·18 | ·24 | ·29 | | 13 |
| 14 | ·25 | ·04 | — | — | ·08 | Trace | ·18 | — | ·06 | ·03 | ·03 | ·01 | | 14 |
| 15 | ·29 | Trace | Trace | — | ·02 | — | ·50 | ·42 | — | ·12 | Trace | ·22 | | 15 |
| 16 | ·91 | — | ·05 | — | ·34 | — | ·02 | ·17 | Trace | ·02 | ·08 | ·25 | | 16 |
| 17 | Trace | ·02 | — | — | ·38 | — | ·12 | ·17 | ·09 | ·62 | ·06 | ·05 | | 17 |
| 18 | ·09 | — | — | — | ·14 | ·08 | — | ·46 | Trace | ·44 | ·21 | Trace | | 18 |
| 19 | Trace | Trace | — | — | Trace | — | — | ·29 | ·08 | ·01 | Trace | ·08 | | 19 |
| 20 | ·09 | — | ·01 | Trace | — | — | Trace | ·06 | ·08 | — | ·52 | ·05 | | 20 |
| 21 | Trace | — | ·07 | Trace | — | Trace | — | ·09 | ·01 | — | ·09 | ·03 | | 21 |
| 22 | Trace | Trace | — | ·01 | ·08 | ·27 | — | — | — | — | ·28 | ·03 | | 22 |
| 23 | Trace | — | ·23 | Trace | ·18 | ·52 | — | Trace. | ·10 | — | ·42 | ·01 | | 23 |
| 24 | ·20 | ·09 | ·06 | — | ·03 | ·09 | ·22 | ·39 | ·02 | ·02 | ·22 | ·02 | | 24 |
| 25 | ·10 | ·38 | — | Trace | ·02 | ·04 | ·29 | ·05 | — | ·47 | ·78 | ·09 | | 25 |
| 26 | ·12 | ·33 | ·23 | — | ·04 | ·31 | ·10 | ·01 | ·03 | ·21 | ·23 | ·05 | | 26 |
| 27 | ·35 | ·16 | ·01 | — | ·78 | ·39 | ·15 | ·29 | ·06 | ·01 | ·36 | Trace | | 27 |
| 28 | ·26 | ·11 | ·10 | — | ·22 | ·66 | ·09 | ·25 | ·04 | ·05 | ·02 | ·16 | | 28 |
| 29 | ·13 | × | ·14 | Trace | 1·40 | ·17 | ·15 | — | — | ·14 | ·09 | ·33 | | 29 |
| 30 | ·26 | × | — | — | ·05 | ·03 | Trace | — | ·33 | Trace | ·17 | ·11 | | 30 |
| 31 | ·30 | × | ·10 | × | ·37 | × | — | — | × | ·55 | × | ·88 | | 31 |
| TOTAL | 4·94 | 1·79 | 1·12 | ·44 | 4·58 | 4·58 | 4·44 | 3·67 | 1·54 | 9·22 | 4·95 | 5·01 | Year's Total<br>46·28 | ✓ |
| * Days with .01 in. or more. | 25 | 15 | 12 | 5 | 21 | 19 | 22 | 20 | 18 | 27 | 22 | 27 | 233 | ✓ |
| * Days with .04 in. or more. | 21 | 11 | 9 | 2 | 16 | 16 | 19 | 17 | 14 | 21 | 20 | 21 | 187 | ✓ |

† Spare column, no entries required.

(*Signed*) J Cookson [P.T.O.

* See Instruction 3 (f) on other side.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations — Station No. 2844

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1939

ROYTON
RECEIVED
29 DEC. 1939
SURVEYOR'S DEPT.
URBAN DISTRICT COUNCIL

*Kept at* Royton Park

*in the County of* Lancaster

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0½ in.

,, Ground ,, Sea Level 502·32 ft.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·22 | – | ·17 | ·05 | – | – | ·08 | ·04 | ·02 | ·03 | Trace | ·38 | | 1 |
| 2 | ·09 | – | Trace | ·12 | – | – | ·33 | ·36 | ·67 | ·05 | Trace | ·09 | | 2 |
| 3 | ·03 | – | – | ·09 | – | – | Trace | ·13 | Trace | – | ·04 | ·72 | | 3 |
| 4 | ·24 | ·02 | ·28 | ·13 | ·05 | – | ·51 | – | Trace | ·05 | ·04 | ·87 | | 4 |
| 5 | – | Trace | – | ·02 | ·31 | – | ·34 | ·04 | – | ·20 | ·02 | ·05 | | 5 |
| 6 | ·74 | ·32 | ·02 | – | Trace | – | ·46 | Trace | – | Trace | ·39 | Trace | | 6 |
| 7 | ·20 | ·25 | ·15 | – | ·12 | – | ·16 | Trace | – | Trace | ·22 | ·39 | | 7 |
| 8 | ·39 | ·20 | ·18 | ·02 | Trace | – | ·85 | ·05 | – | ·21 | ·32 | ·36 | | 8 |
| 9 | ·12 | ·50 | – | – | – | – | ·03 | ·50 | Trace | ·24 | ·12 | ·58 | | 9 |
| 10 | ·23 | ·02 | ·04 | – | – | ·17 | – | ·44 | ·45 | ·14 | ·04 | ·11 | | 10 |
| 11 | ·45 | ·04 | ·20 | – | – | ·14 | – | Trace | ·05 | ·02 | ·01 | ·01 | | 11 |
| 12 | ·49 | ·14 | Trace | – | – | ·08 | – | – | ·02 | Trace | ·01 | Trace | | 12 |
| 13 | ·02 | – | ·01 | ·39 | ·14 | ·16 | ·09 | – | ·04 | ·13 | ·03 | Trace | | 13 |
| 14 | ·50 | Trace | ·01 | ·03 | ·44 | ·38 | ·19 | – | Trace | ·02 | ·19 | – | | 14 |
| 15 | ·18 | ·07 | ·02 | ·70 | ·12 | ·71 | ·23 | – | ·02 | – | ·16 | – | | 15 |
| 16 | ·14 | Trace | ·09 | ·03 | ·52 | – | ·04 | – | Trace | Trace | ·19 | – | | 16 |
| 17 | ·61 | ·26 | ·04 | ·02 | ·04 | ·02 | ·02 | – | – | ·16 | ·09 | – | | 17 |
| 18 | ·07 | ·18 | ·04 | – | – | ·25 | ·24 | – | – | ·01 | ·81 | – | | 18 |
| 19 | ·29 | Trace | Trace | – | Trace | ·03 | ·29 | – | Trace | Trace | ·03 | Trace | | 19 |
| 20 | ·02 | – | Trace | – | – | ·28 | ·08 | ·15 | ·01 | Trace | ·01 | – | | 20 |
| 21 | ·09 | ·05 | ·49 | – | ·33 | ·02 | Trace | ·30 | ·03 | – | – | – | | 21 |
| 22 | ·17 | ·20 | ·17 | ·13 | Trace | – | ·04 | – | Trace | ·02 | ·61 | – | | 22 |
| 23 | ·01 | ·54 | ·04 | ·07 | – | ·03 | ·10 | – | – | ·40 | ·20 | ·04 | | 23 |
| 24 | ·03 | ·11 | ·03 | ·29 | – | Trace | ·04 | ·01 | – | ·03 | ·02 | Trace | | 24 |
| 25 | ·32 | ·16 | ·03 | ·08 | – | ·04 | Trace | Trace | – | Trace | 1·46 | Trace | | 25 |
| 26 | ·04 | ·04 | ·02 | – | ·01 | – | – | 1·22 | – | ·22 | ·33 | ·05 | | 26 |
| 27 | ·02 | 1·59 | ·27 | – | – | ·43 | ·06 | ·10 | – | ·15 | ·34 | ·08 | | 27 |
| 28 | Trace | ·18 | ·17 | ·07 | – | ·15 | ·61 | Trace | – | Trace | ·76 | – | | 28 |
| 29 | – | X | ·02 | Trace | – | ·10 | 1·25 | – | – | ·24 | ·30 | – | | 29 |
| 30 | – | X | – | – | – | ·15 | ·20 | – | – | Trace | ·30 | – | | 30 |
| 31 | – | X | – | X | – | X | ·25 | ·10 | X | Trace | X | – | | 31 |
| TOTAL | 5·71 | 4·87 | 2·49 | 2·24 | 2·08 | 3·14 | 6·49 | 3·44 | 1·31 | 2·32 | 7·04 | 3·73 | Year's Total<br>44·86 | |
| * Days with .01 in. or more. | 26 | 19 | 22 | 16 | 10 | 17 | 24 | 13 | 9 | 18 | 27 | 13 | 214 | |
| * Days with .04 in. or more. | 20 | 17 | 14 | 11 | 9 | 13 | 22 | 12 | 4 | 12 | 20 | 12 | 166 | |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) J. Cookson

P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 22844.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1940

*Kept at* Royton Park,

*in the County of* Lancaster

Diameter of Funnel of Gauge 5" in.

Height of top of Gauge above Ground 1 ft. ½ in.

" Ground " Sea Level 502·32. ft.

to Dec.

Acc.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | - | ·06 | - | ·21 | - | Trace | Trace | - | ·01 | Trace | ·37 | ·22 | | 1 |
| 2 | - | ·01 | Trace | ·20 | - | - | ·09 | - | - | - | ·34 | ·26 | | 2 |
| 3 | ·04 | ·02 | Trace | ·17 | - | - | ·21 | - | - | ·17 | ·05 | ·14 | | 3 |
| 4 | - | ·08 | Trace | ·04 | - | - | ·07 | Trace | Trace | ·19 | ·27 | ·28 | | 4 |
| 5 | - | Trace | 9- | - | ·18 | - | ·07 | Trace | Trace | ·42 | ·04 | ·41 | | 5 |
| 6 | ·04 | ·24 | - | - | - | - | ·08 | Trace | - | ·69 | ·04 | ·12 | | 6 |
| 7 | ·10 | ·18 | ·02 | ·26 | ·12 | - | ·07 | ·25 | ·13 | ·03 | Trace | - | | 7 |
| 8 | ·01 | ·01 | ·01 | ·05 | Trace | - | ·03 | ·03 | - | ·25 | ·02 | ·35 | | 8 |
| 9 | - | - | ·22 | Trace | - | - | ·74 | ·46 | ·33 | ·37 | 1·39 | ·25 | | 9 |
| 10 | - | - | ·03 | Trace | - | - | ·50 | ·22 | Trace | ·14 | ·34 | ·61 | | 10 |
| 11 | - | ·03 | ·11 | ·04 | - | ·10 | ·41 | - | - | Trace | 1·36 | - | | 11 |
| 12 | - | Trace | ·60 | - | - | - | ·13 | ·09 | ·48 | - | ·33 | - | | 12 |
| 13 | - | ·03 | ·11 | ·01 | - | - | - | ·06 | ·48 | - | ·05 | ·03 | | 13 |
| 14 | - | ·05 | ·05 | ·23 | ·24 | - | ·45 | ·11 | ·22 | - | ·07 | +<br>56 | | 14 |
| 15 | ·01 | - | Trace | ·13 | ·02 | ·03 | - | Trace | ·03 | ·01 | ·05 | + | | 15 |
| 16 | ·08 | ·01 | ·18 | ·09 | - | - | ·61 | - | 1·28 | ·31 | ·19 | ·07 | | 16 |
| 17 | - | - | ·65 | ·01 | ·09 | - | ·87 | Trace | ·32 | Trace | ·62 | ·02 | | 17 |
| 18 | ·10 | ·18 | ·23 | ·68 | - | - | ·01 | ·34 | ·19 | Trace | ·03 | ·29 | | 18 |
| 19 | Trace | ·21 | ·15 | ·03 | - | - | ·44 | Trace | ·29 | Trace | ·32 | ·02 | | 19 |
| 20 | - | Trace | ·02 | ·24 | - | - | ·32 | ·50 | ·11 | ·23 | ·06 | - | | 20 |
| 21 | Trace | - | ·23 | Trace | - | ·43 | ·08 | ·03 | ·01 | ·04 | ·61 | - | | 21 |
| 22 | - | ·07 | ·11 | - | - | ·02 | - | ·06 | ·65 | ·01 | ·01 | ·01 | | 22 |
| 23 | - | ·22 | ·04 | ·15 | ·13 | - | ·08 | - | ·12 | ·01 | ·19 | - | | 23 |
| 24 | ·53 | - | Trace | ·03 | ·02 | Trace | Trace | ·01 | ·01 | ·02 | ·01 | ·05 | | 24 |
| 25 | ·04 | Trace | - | - | ·03 | ·08 | ·01 | - | Trace | ·05 | - | - | | 25 |
| 26 | ·56 | ·10 | ·10 | - | ·01 | ·09 | ·18 | ·01 | Trace | ·01 | ·03 | ·01 | | 26 |
| 27 | ·21 | ·56 | Trace | ·23 | ·02 | - | ·17 | - | ·01 | Trace | ·07 | ·01 | | 27 |
| 1·25 28 | ·19 | ·19 | Trace | - | ·59 | - | - | ·19 | - | - | ·01 | ·04 | | 28 |
| 29 | Trace | Trace | Trace | - | ·05 | ·38 | ·04 | Trace | - | ·03 | ·01 | ·63 | | 29 |
| 30 | ·04 | ✕ | Trace | ·03 | Trace | - | - | - | - | ·44 | - | ·18 | | 30 |
| 31 | ·21 | ✕ | ·21 | ✕ | ·02 | ✕ | - | ·06 | ✕ | ·85 | ✕ | ·03 | | 31 |
| | | | | | | | | | | | | | Year's Total | |
| TOTAL | 2·16 | 2·25 | 3·07 | 2·82 | 1·52 | 1·13 | 5·67 | 2·42 | 4·67 | 4·27 | 6·88 | 4·59 | 41·45 | |
| * Days with .01 in. or more. | 14 | 18 | 18 | 19 | 13 | 7 | 23 | 15 | 17 | 20 | 27 | 24 | 215 | |
| * Days with .04 in. or more. | 12 | 12 | 14 | 14 | 7 | 5 | 20 | 11 | 12 | 13 | 20 | 17 | 157 | |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) L. Cookson.

16th January, 1941.

[P.T.O.

2845

**Section** A **for the entr**
AIR MINI

FOR OFFICIAL USE.
ALL ORGANIZATION.

FORM 10 REG
31 .

235

Kept at Bolton
in the County of La

400

Diameter of Funnel of Gauge
Height of top of Gauge above G
,, Ground ,, S

**THE MORNING ME** AY.

*An observer who does not confor*
*year in the space on the right* *e following*

Jan. 1, following

2845

BOLTON QUEENS PARK

1931 —— 40

780501

| Date | Jan. | Feb. | Mar |  |  |  |  |  |  | t. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. |  |
| 1 |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| 2 |  |  |  |  |  |  |  |  | ·98 |  |  |  | 2 |
| 3 |  |  |  |  |  |  |  |  |  |  |  |  | 3 |
| 4 |  |  |  |  |  |  |  |  |  |  |  |  | 4 |
| 5 |  |  |  |  |  |  |  |  |  |  |  |  | 5 |
| 6 |  |  |  |  |  |  |  |  |  |  |  |  | 6 |
| 7 |  |  |  |  |  |  |  |  |  |  |  |  | 7 |
| 8 |  |  |  |  |  |  |  |  |  |  |  |  | 8 |
| 9 |  |  |  |  |  |  |  |  |  |  |  |  | 9 |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  | 10 |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  | 11 |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  | 12 |
| 13 |  |  | ·24 |  |  |  |  |  |  |  |  |  | 13 |
| 14 |  |  |  |  |  | 1·17 |  |  |  |  |  |  | 14 |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  | 15 |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  | 16 |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  | 17 |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  | 18 |
| 19 |  |  |  |  |  |  | ·55 | 1·26 |  |  |  |  | 19 |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  | 20 |
| 21 |  |  |  |  |  |  |  |  |  |  |  |  | 21 |
| 22 |  |  |  |  |  |  |  |  |  |  |  |  | 22 |
| 23 |  |  |  |  |  |  |  |  |  |  |  | ·36 | 23 |
| 24 |  |  |  |  | ·43 |  |  |  |  |  |  |  | 24 |
| 25 |  | 1.06 |  |  |  |  |  |  |  |  |  |  | 25 |
| 26 |  |  |  | ·68 |  |  |  |  |  |  |  |  | 26 |
| 27 |  |  |  |  |  |  |  |  |  |  | 1·32 |  | 27 |
| 28 | ·80 |  |  |  |  |  |  |  |  |  |  |  | 28 |
| 29 |  |  |  |  |  |  |  |  |  |  |  |  | 29 |
| 30 |  | × |  |  |  |  |  |  |  |  |  |  | 30 |
| 31 |  | × |  | × |  | × |  |  | × |  | × |  | 31 |
| TOTAL | 7·20 | 6.02 | 0·48 | 3.99 | 2·85 | 6·36 | 4·09 | 6·22 | 3.45 | 3 08 | 8·07 | 2.56 | YEAR'S TOTAL<br>54·37 |
| *Days with ·01 in. or more. | 23 | 22 | 3 | 24 | 18 | 18 | 23 | 17 | 15 | 12 | 23 | 21 | 219 |
| *Days with ·04 in. or more. | 21 | 20 | 3 | 16 | 15 | 13 | 21 | 15 | 11 | 7 | 20 | 14 | 176 |
| 40-9999 | 182·9 | 152.8 | 12·2 | 101·4 | 72·4 | 161·6 | 104·0 | 158·1 | 87·7 | 78·3 | 204·9 | 64·9 | 1381·2 |

*See Instruction 2 (*f*) on other side.

(*Signed*)........................ [P.T.O.

2845

**Section** A for the ent

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 10

# REGISTER OF RAINFALL IN 1931.

235

*Kept at* Bolton

*in the County of* Lancs

Diameter of Funnel of Gauge ........ in.

Height of top of Gauge above Ground ........ ft ........ in.

,, Ground ,, Sea Level 341 ft.

400

mm

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | | | | | | | | | | | | | 1 |
| 2 | | | | | | | | | ·98 | | | | 2 |
| 3 | | | | | | | | | | | | | 3 |
| 4 | | | | | | | | | | | | | 4 |
| 5 | | | | | | | | | | | | | 5 |
| 6 | | | | | | | | | | | | | 6 |
| 7 | | | | | | | | | | | | | 7 |
| 8 | | | | | | | | | | | | | 8 |
| 9 | | | | | | | | | | | | | 9 |
| 10 | | | | | | | | | | | | | 10 |
| 11 | | | | | | | | | | | | | 11 |
| 12 | | | | | | | | | | | | | 12 |
| 13 | | | ·24 | | | | | | | | | | 13 |
| 14 | | | | | | 1·17 | | | | | | | 14 |
| 15 | | | | | | | | | | | | | 15 |
| 16 | | | | | | | | | | | | | 16 |
| 17 | | | | | | | | | | | | | 17 |
| 18 | | | | | | | | | | | | | 18 |
| 19 | | | | | | | ·55 | 1·26 | | | | | 19 |
| 20 | | | | | | | | | | | | | 20 |
| 21 | | | | | | | | | | | | | 21 |
| 22 | | | | | | | | | | | | | 22 |
| 23 | | | | | | | | | | | | ·36 | 23 |
| 24 | | | | | ·43 | | | | | | | | 24 |
| 25 | | 1.06 | | | | | | | | | | | 25 |
| 26 | | | | ·68 | | | | | | | | | 26 |
| 27 | | | | | | | | | | | 1·32 | | 27 |
| 28 | ·80 | | | | | | | | | | | | 28 |
| 29 | | | | | | | | | | | | | 29 |
| 30 | | × | | | | | | | | | | | 30 |
| 31 | | × | | × | | × | | | × | | × | | 31 |
| TOTAL | 7·20 | 6·02 | 0·48 | 3·99 | 2·85 | 6·36 | 4·09 | 6·22 | 3·45 | 3·08 | 8·07 | 2·56 | YEAR'S TOTAL 54·37 |
| *Days with ·01 in. or more. | 23 | 22 | 3 | 24 | 18 | 18 | 23 | 17 | 15 | 12 | 23 | 21 | 219 |
| *Days with ·04 in. or more. | 21 | 20 | 3 | 16 | 15 | 13 | 21 | 15 | 11 | 7 | 20 | 14 | 176 |
| 40-9999 | 182·9 | 152.8 | 12·2 | 101·4 | 72·4 | 161·6 | 104·0 | 158·1 | 87·7 | 78·3 | 204·9 | 64·9 | 1381·2 |

*See Instruction 2 (*f*) on other side.

(*Signed*) ........................................ [P.T.O.

2845

**Section** A for the entry of Daily Observations. FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM I

# REGISTER OF RAINFALL IN 1932.

235

400.

*Kept at* Bolton

*in the County of* Lancs.

Diameter of Funnel of Gauge..........in.

Height of top of Gauge above Ground..........ft..........in.

,, Ground ,, Sea Level 341 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | | | | | | | | | | | | | 1 |
| 2 | | | | | | | | | 1·00 | | | | 2 |
| 3 | | | | | | | | | | | | | 3 |
| 4 | | | | | | | | | | | | | 4 |
| 5 | | | | | | | | | | | | | 5 |
| 6 | 1·01 | | | | | | | | | | | | 6 |
| 7 | | | | | | | | | | | | | 7 |
| 8 | | | | | | | | | | | | | 8 |
| 9 | | ·03 | | | | | | | | | | | 9 |
| 10 | | | | | | | | | | | | | 10 |
| 11 | | | | | | | | | | | | | 11 |
| 12 | | | | | | | | | | | | | 12 |
| 13 | | | | | | | | | | | | ·44 | 13 |
| 14 | | | | | | | ·64 | | | | | | 14 |
| 15 | | | | | ·87 | | | | | | | | 15 |
| 16 | | | | | | | | | | | | | 16 |
| 17 | | | | | | | | | | | | | 17 |
| 18 | | | | | | | | | | | | | 18 |
| 19 | | | | | | | | | | | | | 19 |
| 20 | | | | | | | | | | | | | 20 |
| 21 | | | | | | | | | | | | | 21 |
| 22 | | | | | | | | | | | 1·31 | | 22 |
| 23 | | | | | | | | | | | | | 23 |
| 24 | | | | | | | | | | | | | 24 |
| 25 | | | | | | | | | | 1·40 | | | 25 |
| 26 | | | | | | | | | | | | | 26 |
| 27 | | | | ·47 | | ·28 | | | | | | | 27 |
| 28 | | | | | | | | | | | | | 28 |
| 29 | | | ·79 | | | | | ·64 | | | | | 29 |
| 30 | | × | | | | | | | | | | | 30 |
| 31 | | × | | × | | × | | | × | | × | | 31 |
| TOTAL | 5·14 | 0·08 | 2·93 | 3·59 | 4·72 | 0·71 | 4·44 | 1·84 | 5·27 | 8·51 | 3·99 | 2·24 | YEAR'S TOTAL 43·46 |
| *Days with ·01 in. or more. | 16 | 5 | 10 | 22 | 21 | 5 | 24 | 10 | 20 | 27 | 20 | 19 | 199 |
| *Days with ·04 in. or more. | 14 | 0 | 10 | 17 | 17 | 3 | 19 | 8 | 16 | 23 | 16 | 14 | 157 |
| 40-9999 | 130·6 | 2·1 | 74·4 | 91·3 | 119·7 | 18·1 | 112·7 | 46·8 | 133·9 | 216·0 | 101·4 | 57·0 | |

(Signed).......... [P.T.O.

*See Instruction 2 (*f*) on other side.

Section **A** for the entry of Daily Observations. 2845

COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1000.

# REGISTER OF RAINFALL IN 1933.

235

Kept at Bolton

in the County of Lancs

Diameter of Funnel of Gauge..........in.

Height of top of Gauge above Ground..........ft..........in.

,, Ground ,, Sea Level 342 ft.

Dec. m.m.s. plotted instead of inches value O.K

Daily Values

400

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | ~~in.~~ | ~~in.~~<br>mm. | ~~in.~~<br>mm. | ~~in.~~ | ~~in.~~<br>mm. | ~~in.~~<br>mm. | |
| 1 | | | | ·1 | ·1 | | | ·10<br>2·6 | ·05<br>1·4 | | ·51<br>13·1 | – | 1 |
| 2 | | | | ·41<br>10·3 | ~~·54~~<br>·44 | ·19<br>4·9 | | ·12<br>3·1 | | | – | – | 2 |
| 3 | | | | | 11·2 | | | – | | | – | – | 3 |
| 4 | | | | ·01<br>·2 | ·21<br>5·3 | | | – | | ·02<br>·4 | – | – | 4 |
| 5 | | | | | ·02<br>·4 | | | – | | – | ·04<br>·9 | – | 5 |
| 6 | | | | | ·10<br>2·6 | | | | | – | – | ·02<br>0·4 | 6 |
| 7 | | | | | ·02<br>·5 | | 14<br>3·6 | 08<br>2·0 | | ·53<br>13·6 | – | – | 7 |
| 8 | | | | ·17<br>4·3 | ·06<br>1·5 | ·15<br>3·7 | 31<br>8·0 | 01<br>·3 | | – | ·02<br>·4 | ·05<br>1·3 | 8 |
| 9 | | | | ·09<br>2·2 | ·08<br>2·0 | ·01<br>·2 | 73<br>18·7 | – | | ·50<br>12·6 | ·22<br>5·5 | – | 9 |
| 10 | | | | | 02<br>·4 | ·04<br>1·0 | 05<br>1·2 | – | | 1·33<br>34·0 | ·24<br>6·0 | – | 10 |
| 11 | | | | ·02<br>·5 | | | 11·2 | – | | 27<br>6·8 | – | ·12<br>3·0 | 11 |
| 12 | | | | | | ·13<br>3·2 | 31<br>7·9 | – | | 5·0 | – | ·04<br>0·9 | 12 |
| 13 | | | | | ·18<br>4·5 | | 6·5 | ·04<br>1·1 | | 17<br>4·2 | ·22<br>5·7 | – | 13 |
| 14 | | | | | | | 1·2 | ·10<br>2·5 | | ·7 | ·64<br>16·4 | – | 14 |
| 15 | | | | | | ·01<br>·2 | | ·09<br>2·3 | | 29<br>7·5 | ·31<br>8·0 | – | 15 |
| 16 | | | | ·12<br>3·1 | ·05<br>1·2 | ·27<br>6·8 | | 01<br>·2 | | 2·9 | ·02<br>·5 | – | 16 |
| 17 | | | ·73 | | | 37·2<br>1·46 | | 12·8 | 09<br>2·3 | ·2 | – | – | 17 |
| 18 | | | | | ·20<br>5·1 | 89<br>22·5 | | 02<br>·5 | | | – | – | 18 |
| 19 | | | | | | ·29<br>7·2 | 24<br>6·0 | ·20<br>5·1 | 20<br>5·0 | | ·09<br>2·3 | ·06<br>1·5 | 19 |
| 20 | | | | | ·15<br>3·8 | ·31<br>8·0 | | ·22<br>5·5 | | | ·01<br>·2 | – | 20 |
| 21 | | | | | | | | ·60<br>15·2 | 01<br>·2 | | – | – | 21 |
| 22 | | | | | ·1 | | | 1·5 | | 2·8 | – | – | 22 |
| 23 | | | | 10·6 mm<br>·42 in | ·1 | ·07<br>1·9 | | – | 07<br>1·8 | 2·2 | – | – | 23 |
| 24 | | | | ·18<br>4·5 | ·17<br>4·4 | ·14<br>3·5 | | – | 56<br>14·2 | ·2 | – | – | 24 |
| 25 | | ·74 | | ·05<br>1·3 | | ·1 | | – | 02<br>8 | – | – | ·11<br>2·9 | 25 |
| 26 | | | | ·30<br>7·8 | | | | – | | 12·0 | – | ·01<br>0·3 | 26 |
| 27 | | | | ·02<br>·5 | ·07<br>1·8 | | | – | | – | – | – | 27 |
| 28 | | | | ·02<br>·6 | | | 06<br>1·5 | 08<br>2·0 | | 1·8 | – | – | 28 |
| 29 | | | | | | | 04<br>1·0 | – | | ·01<br>·3 | – | ·10<br>2·6 | 29 |
| 30 | | × | | ·04<br>1·1 | ·18<br>4·5 | | 14<br>3·6 | – | | 10·9 | – | ·20<br>5·2 | 30 |
| 31 | 0·44 | × | | × | | × | 05<br>1·3 | ·28<br>7·1 | × | 12·0 | × | ·02<br>0·5 | 31 |
| TOTAL | 2·40 | 4·13 | 3·00 | 1·85 | 1·95 | 3·96 | 71·7 | 63·8 | 25·7 | 130·1 | 59·0 | 18·6 | YEAR'S TOTAL<br>31·80 in |
| *Days with ·01 in. or more. | 17 | 17 | 17 | 13 | 15 | 13 | 13 | 16 | 7 | 19 | 11 | 10 | 168 |
| *Days with ·04 in. or more. | 12 | 13 | 14 | 9 | 12 | 11 | 13 | 13 | 5 | 14 | 7 | 6 | 129 |
| | 61·0 | | | | | | 2·82 | 2·51 | 1·01 | 5·12 | 2·32 | 0·73 | ~~31·80~~ |

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*)..........

P.T.O.

## COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2845

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

Form 109

# REGISTER OF RAINFALL IN 1933.

*Kept at* Bolton, Queen's Park

*in the County of* S. Lancashire 3

Diameter of Funnel of Gauge ........ in.

Height of top of Gauge above Ground ........ ft ........ in.

,, Ground ,, Sea Level ........ ft.

Dup.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

| Jan. 1, following |
|---|
| |

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | | | | | | | | ·10 | ·05 | | ·51 | | | 1 |
| 2 | | | | ·41 | | ·19 | | 12 | | | | | | 2 |
| 3 | | | | | ·44 | | | | | | | | | 3 |
| 4 | | | | ·01 | 21 | | | | | ·02 | | | | 4 |
| 5 | | | | | ·02 | | | | | | ·04 | | | 5 |
| 6 | | | | | 10 | | | | | | | ·02 | | 6 |
| 7 | | | | | ·02 | | ·17 | ·08 | | 53 | | | | 7 |
| 8 | | | | ·17 | ·06 | ·15 | ·31 | ·01 | | | 02 | ·05 | | 8 |
| 9 | | | | ·09 | 08 | ·01 | ·73 | | | 50 | ·22 | | | 9 |
| 10 | | | | | 02 | 04 | ·05 | | | 1·38 | ·24 | | | 10 |
| 11 | | | | ·02 | | | ·44 | | | ·27 | | ·12 | | 11 |
| 12 | | | | | | ·13 | ·31 | | | ·20 | | ·04 | | 12 |
| 13 | | | | | ·18 | | ·26 | ·04 | | ·17 | 22 | | | 13 |
| 14 | | | | | | | ·05 | 10 | | ·03 | 64 | | | 14 |
| 15 | | | | | | ·01 | | ·09 | | ·29 | ·31 | | | 15 |
| 16 | | | | ·12 | ·05 | 27 | | ·01 | | 11 | ·02 | | | 16 |
| 17 | | | | | | 1·46 | | ·50 | ·09 | 01 | | | | 17 |
| 18 | | | | | ·20 | ·89 | | ·02 | | | | | | 18 |
| 19 | | | | | | ·29 | ·24 | ·20 | ·20 | | ·09 | ·06 | | 19 |
| 20 | | | | | ·15 | ·31 | | ·22 | | | ·01 | | | 20 |
| 21 | | | | | | | | ·60 | ·01 | | | | | 21 |
| 22 | | | | | | | | ·06 | | ·11 | | | | 22 |
| 23 | | | | ·42 | | ·07 | | | ·07 | ·09 | | | | 23 |
| 24 | | | | ·18 | ·17 | 14 | | | ·56 | ·01 | | | | 24 |
| 25 | | | | ·05 | | | | | ·03 | | | ·11 | | 25 |
| 26 | | | | ·30 | | | | | | ·47 | | ·01 | | 26 |
| 27 | | | | ·02 | ·07 | | | | | | | | | 27 |
| 28 | | | | ·02 | | | ·06 | ·08 | | ·07 | | | | 28 |
| 29 | | | | | | | ·04 | | | ·01 | | ·10 | | 29 |
| 30 | | × | | ·04 | ·18 | | ·14 | | | 43 | | ·20 | | 30 |
| 31 | | × | | × | | × | ·05 | ·28 | × | ·47 | × | ·02 | | 31 |
| Total | | | | 1·85 | 1·95 | 3·96 | 2·82 | 2·51 | 1·01 | 5·12 | 2·32 | ·73 | Year's Total | |
| *Days with ·01 in. or more. | | | | | | | | | | | | | | |
| *Days with ·04 in. or more. | | | | | | | | | | | | | | |

† Spare column, no entries required.

(*Signed*) ........................................ [P.T.O.

40-9999

*See Instruction 2 (*f*) on other side.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

2845

FORM 1091.

# REGISTER OF RAINFALL IN 1934.

235

400

Kept at Bolton
in the County of Lancs.
Diameter of Funnel of Gauge ........ in.
Height of top of Gauge above Ground ........ ft ........ in.
,, Ground ,, Sea Level 342 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | |
| 1 | 5·7 | – | ·1 | – | – | – | – | ·9 | 1·8 | – | 2·0 | 15·2 | 1 |
| 2 | ·3 | ·6 | 4·6 | – | ·4 | – | – | 22·8 | ·8 | – | 7·9 | 11·9 | 2 |
| 3 | 3·7 | ·2 | – | – | – | – | – | ·9 | – | 7·9 | 2·3 | 3·4 | 3 |
| 4 | 5·5 | – | 2·5 | ·5 | 4·7 | – | – | ·5 | 1·5 | 21·1 | – | 22·8 | 4 |
| 5 | ·5 | – | 2·0 | – | 1·9 | – | – | 16·2 | – | 3·7 | – | 4·1 | 5 |
| 6 | ·2 | – | 7·7 | 3·0 | 14·7 | 1·5 | – | 12·9 | ·1 | 7·3 | – | 10·6 | 6 |
| 7 | 8·5 | ·7 | 4·3 | 2·2 | ·2 | 1·7 | – | – | – | 2·9 | 12·1 | 9·6 | 7 |
| 8 | – | – | ·3 | – | 4·2 | 4·5 | – | 1·3 | ·2 | 2·1 | 15·6 | ·1 | 8 |
| 9 | – | 2·0 | 10·6 | – | – | | – | 3·3 | – | ·1 | 7·0 | ·2 | 9 |
| 10 | – | – | 9·1 | 4·0 | – | | – | 9·3 | – | 13·0 | – | ·2 | 10 |
| 11 | ·5 | – | ·8 | 11·2 | – | | – | 9·4 | ·9 | ·8 | – | 4·3 | 11 |
| 12 | – | ·4 | – | 4·7 | – | | 5·5 | 1·4 | – | 6·6 | – | 2·0 | 12 |
| 13 | 12·0 | – | – | ·8 | 1·9 | | 2·0 | ·2 | – | 5·3 | 0·3 | – | 13 |
| 14 | 6·0 | – | 4·0 | ·1 | 1·0 | 0·4 | – | – | – | 15·3 | – | 2·1 | 14 |
| 15 | 10·0 | ·2 | 9·6 | – | 21·7 | | 1·0 | 3·8 | 4·0 | 1·0 | 0·3 | 8·5 | 15 |
| 16 | 25·9 | – | 4·6 | – | 4·9 | | – | – | – | 5·8 | – | 1·6 | 16 |
| 17 | 5·2 | – | 4·7 | 2·1 | 5·1 | | 8·0 | – | 9·7 | 1·7 | – | 6·1 | 17 |
| 18 | 4·9 | – | 4·8 | 8·8 | 14·5 | 6·2 | – | ·2 | ·1 | ·3 | – | 7·0 | 18 |
| 19 | – | – | 5·9 | ·2 | 1·9 | 7·1 | – | ·3 | 13·5 | 6·5 | – | 1·3 | 19 |
| 20 | – | – | ·9 | 3·6 | 8 2 | 4 2 | – | ·3 | 2·2 | 3·0 | 0·5 | ·3 | 20 |
| 21 | 2·2 | – | 1·7 | – | ·2 | 7·7 | – | ·8 | 6·4 | 1·7 | – | – | 21 |
| 22 | 2·5 | – | ·6 | ·1 | – | | – | 5·7 | 14·1 | 2·6 | 2·0 | ·7 | 22 |
| 23 | ·4 | – | 3·8 | 13·3 | – | | 13·5 | 1·4 | 1·0 | 5·1 | 6·0 | 2·7 | 23 |
| 24 | – | 7·5 | 2·0 | 7·5 | ·5 | 0·9 | – | – | 7·9 | 4·0 | – | – | 24 |
| 25 | 2·4 | ·5 | ·1 | 4·8 | ·5 | – | 6·4 | – | 5·3 | 7·0 | – | 14·2 | 25 |
| 26 | 1·5 | – | ·6 | 2·8 | – | 1·9 | 3·2 | – | 5·4 | ·4 | – | ·9 | 26 |
| 27 | – | – | – | ·3 | – | 7·0 | 7·5 | – | – | 9·8 | 2·4 | 7·6 | 27 |
| 28 | – | – | – | ·7 | – | 8·4 | 3·0 | 21·1 | 2·8 | 11·3 | – | 19·3 | 28 |
| 29 | – | | – | – | – | – | 2·9 | 5·3 | 4·9 | 6·2 | – | 3·2 | 29 |
| 30 | 2·0 | × | – | – | – | – | 1·2 | 1·4 | 6·0 | 5·7 | – | ·5 | 30 |
| 31 | ·5 | × | – | × | – | × | 2·4 | 2·6 | × | 5·7 | × | 9·0 | 31 |
| TOTAL | 100·4 | 12·1 | 85·3 | 70·7 | 86·5 | 51·5 | 56·6 | 122·2 | 88·6 | 163·9 | 58·4 | 169·4 | YEAR'S TOTAL |
| *Days with 0·2 mm. or more. | 21 | 8 | 21 | 17 | 17 | 12 | 12 | 23 | 18 | 28 | 12 | 27 | 216 ✓ |
| *Days with 1·0 mm. or more. | 15 | 2 | 16 | 12 | 12 | 10 | 12 | 15 | 15 | 25 | 9 | 21 | 164 ✓ |
| (144W) | 3·96 | 0·48 | 3·36 | 2·78 | 3·41 | 2·03 | 2·23 | 4·81 | 3·49 | 6·45 | 2·30<br>35·30 ✓ | 6·67 | 41·97 ✓ |

40-9999

(Signed) ........

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

2845

2845

FORM 1091.

# REGISTER OF RAINFALL IN 1935.

*Kept at* Bolton

*in the County of* Lancs

Diameter of Funnel of Gauge ..... in.

Height of top of Gauge above Ground ..... ft ..... in.

,, Ground ,, Sea Level 342 ft.

Duration

Daily

400

235

TL

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | |
| 1 | 24.2<br>1.07 | 14.3<br>56 | - | 1.6<br>06 | - | 2.4<br>·10 | 3.6<br>15 | | 7.9<br>31 | 13.5<br>54 | 3.6<br>14 | 6.8<br>27 | 1 |
| 2 | .5<br>02 | 6.9<br>27 | 5.1<br>20 | - | - | 8.5<br>·33 | 0.6<br>·02 | - | 1.0<br>04 | 3.4<br>13 | 0.4<br>02 | 2.4<br>09 | 2 |
| 3 | 4.0<br>16 | 18.1<br>71 | 5.1<br>20 | 3.9<br>·15 | - | ·8<br>·03 | 6.0<br>·24 | . | 8.1<br>32 | 1.6<br>06 | 2.4<br>09 | 7.9<br>31 | 3 |
| 4 | - | 0.3<br>01 | 2.0<br>08 | 0.3<br>01 | - | 11.8<br>46 | - | . | 3.5<br>14 | 4.2<br>17 | - | ·6<br>02 | 4 |
| 5 | - | 11.4<br>45 | 2.3<br>09 | 8.5<br>33 | - | 9.7<br>38 | - | . | 7.3<br>29 | - | 5.4<br>21 | 10.3<br>41 | 5 |
| 6 | - | - | 0.1<br>- | 1.6<br>06 | - | 5.1<br>20 | - | . | - | - | - | - | 6 |
| 7 | - | - | - | 3.7<br>15 | - | 4.8<br>19 | - | . | - | 11.0<br>43 | 6.1<br>24 | 9.3<br>37 | 7 |
| 8 | - | - | - | 4.0<br>16 | - | ·4<br>02 | - | . | 0.4<br>02 | 6.2<br>24 | 5.1<br>20 | 9.8<br>39 | 8 |
| 9 | ·9<br>04 | 0.1<br>- | - | 6.3<br>25 | - | 1.1<br>04 | - | . | - | 44.4<br>1.75 | 6.5<br>26 | - | 9 |
| 10 | ·2<br>01 | 3.7<br>15 | - | 1.7<br>07 | - | ·1<br>- | 0.1<br>- | . | - | 17.2<br>68 | 5.4<br>21 | - | 10 |
| 11 | 9.8<br>38 | 1.0<br>04 | - | - | - | 8.2<br>32 | - | . | - | 13.6<br>54 | 1.2<br>05 | - | 11 |
| 12 | 1.0<br>04 | 5.3<br>21 | - | - | - | 10.4<br>41 | - | . | 1.1<br>04 | 0.1<br>- | - | - | 12 |
| 13 | 6.1<br>24 | 1.4<br>06 | - | 2.0<br>08 | 7.5<br>·30 | ·2<br>01 | - | . | 4.0<br>16 | 2.4<br>09 | 0.2<br>01 | - | 13 |
| 14 | ·2<br>01 | - | - | 0.1<br>- | - | 3.5<br>14 | - | . | 2.5<br>10 | 0.1<br>- | 24.2<br>95 | 11.5<br>45 | 14 |
| 15 | - | 28.7<br>1.13 | - | 11.2<br>44 | 1.1<br>·04 | ·6<br>02 | 0.1<br>- | . | 8.3<br>33 | 2.1<br>08 | 0.5<br>02 | 10.6<br>42 | 15 |
| 16 | - | 8.8<br>34 | 2.9<br>11 | 10.3<br>41 | 4.5<br>·18 | 4.1<br>16 | 1.8<br>·07 | . | 23.2<br>·91 | - | 7.7<br>30 | - | 16 |
| 17 | - | 0.2<br>01 | 0.2<br>01 | 7.3<br>29 | 14.7<br>·58 | 7.3<br>29 | 10.8<br>43 | . | 2.6<br>10 | 2.6<br>10 | 7.6<br>30 | - | 17 |
| 18 | - | 0.7<br>03 | - | 2.5<br>10 | 2.9<br>·11 | ·6<br>02 | 3.8<br>15 | 1.1<br>04 | 11.7<br>46 | 5.6<br>22 | 2.2<br>09 | - | 18 |
| 19 | - | 0.5<br>02 | - | 7.5<br>30 | 3.7<br>·15 | 9.9<br>39 | 7.2<br>·28 | 0.1<br>- | - | 3.7<br>15 | 7.3<br>29 | ·9<br>03 | 19 |
| 20 | ·2<br>01 | 10.7<br>42 | - | 12.8<br>50 | - | 4.3<br>17 | 1.0<br>04 | . | - | 0.4<br>02 | 0.2<br>01 | - | 20 |
| 21 | - | 3.5<br>14 | 0.9<br>04 | - | - | ·2<br>01 | ·1 | . | 22.2<br>87 | 2.9<br>11 | - | 7.5<br>31 | 21 |
| 22 | ·2<br>01 | 4.1<br>16 | 1.0<br>04 | - | - | | - | . | 3.4<br>13 | - | - | - | 22 |
| 23 | 1.0<br>04 | - | 22.4<br>88 | 2.4<br>09 | - | | - | 4.3<br>·17 | 2.3<br>09 | 12.5<br>49 | - | - | 23 |
| 24 | 13.4<br>53 | 11.9<br>47 | 2.1<br>08 | - | - | | - | . | 22.3<br>87 | 2.0<br>08 | - | 4.4<br>17 | 24 |
| 25 | 4.6<br>18 | - | 3.0<br>12 | - | - | 16.0<br>63 | - | . | 0.4<br>02 | 0.1 | 2.4<br>09 | ·9<br>03 | 25 |
| 26 | - | - | - | - | - | | 0.6<br>02 | 29.9<br>1.18 | 13.6<br>54 | 9.1<br>36 | 1.5<br>06 | 6.9<br>27 | 26 44.8 |
| 27 | - | 1.3<br>05 | - | - | ·7<br>·03 | 2.5<br>10 | 8.0<br>·32 | . | 5.6<br>22 | 32.2<br>1.27 | 10.9<br>43 | 1.0<br>04 | 27 |
| 28 | ·8<br>03 | 7.9<br>31 | - | - | ·1<br>- | | - | 3.4<br>14 | 3.4<br>13 | 17.6<br>69 | 2.0<br>08 | 1.1<br>04 | 28 |
| 29 | - | | 1.1<br>04 | - | - | ·3<br>01 | - | 5.4<br>21 | 13.7<br>54 | 7.8<br>31 | 3.5<br>14 | 2.0<br>08 | 29 |
| 30 | 5.1<br>20 | × | - | - | - | 6.6<br>26 | - | 4.3<br>17 | 16.2<br>64 | 10.4<br>41 | 17.6<br>69 | 3.5<br>14 | 30 |
| 31 | 3.2<br>13 | × | 0.3<br>01 | × | - | × | - | | × | 4.2<br>17 | × | 10.7<br>42 | 31 9.08 |
| TOTAL | 48.4 | 140.8 | 48.5 | 87.7 | 35.2 | 119.4 | 43.7 | 48.5 | 184.7 | 230.9 | 123.9 | 108.1 | YEAR'S TOTAL<br>1249.8 |
| *Days with 0·2 mm. or more. | 17 | 20 | 13 | 17 | 7 | 24 | 10 | 6 | 23 | 24 | 23 | 19 | 203 |
| *Days with 1·0 mm. or more. | 10 | 16 | 10 | 16 | 6 | 17 | 8 | 6 | 21 | 23 | 19 | 16 | 168 |
| | 3.09 | 5.54 | 1.91 | 3.45 | 1.39 | 4.70 | 1.72 | 1.98 | 7.28 | 9.09 | 4.88 | 4.26 | 49.22 |

(144W)

40-9999

(Signed) .....

[P.T.O.

2845
~~235~~

Section **A** for the entry of Daily Observations.

COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1091.

# REGISTER OF RAINFALL IN 1936. D

Kept at Bolton
in the County of Lancs
Diameter of Funnel of Gauge .......... in.
Height of top of Gauge above Ground ..... ft. ..... in.
,, Ground ,, Sea Level 342 ft.

Daily Values

mm.

400

TL

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf.

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | |
| 1 | 0.2 01 | 1.8 07 | 1.0 04 | 3.8 15 | – | – | 1.0 04 | 12.3 49 | 1.9 07 | – | 8.2 32 | 9.6 38 | 1 |
| 2 | 0.4 02 | 1.3 05 | 0.1 – | 1.3 05 | – | 5.8 23 | – | 2.2 09 | ·9 04 | – | 2.1 08 | 8.9 35 | 2 |
| 3 | – | – | – | – | – | 2.6 10 | 2.1 08 | 7.0 28 | 27.0 1.06 | – | – | 3.1 12 | 3 |
| 4 | 7.8 31 | 8.0 31 | 8.2 32 | – | – | 0.1 | – | 0.5 02 | 26.0 1.03 | – | 6.1 24 | 6.1 24 | 4 |
| 5 | 1.5 06 | 1.3 05 | 13.0 .51 | – | – | – | – | 16.4 65 | 8.5 33 | – | 3.5 14 | 10.6 42 | 5 |
| 6 | 1.9 07 | – | – | – | 0.5 02 | 0.9 04 | 4.0 16 | 4.3 17 | 20.9 82 | – | 4.1 16 | 0.3 01 | 6 |
| 7 | – | – | 4.4 17 | – | – | 0.1 | 0.8 03 | 0.1 | 28.2 1.11 | – | 5.2 20 | 13.9 55 | 7 |
| 8 | 6.8 27 | – | 8.5 33 | – | – | – | – | – | 1.2 05 | – | 17.4 69 | 2.3 09 | 8 |
| 9 | 7.9 31 | – | 1.0 04 | – | – | 1.2 05 | 5.7 23 | – | 5.6 22 | – | 29.7 1.17 | 0.3 01 | 9 |
| 10 | 2.0 08 | – | – | – | – | – | 3.0 12 | – | 0.3 01 | – | 20.3 80 | – | 10 |
| 11 | – | – | – | 0.1 | – | 2.8 .11 | 15.7 62 | 1.0 04 | 2.8 11 | – | 13.7 54 | 0.2 01 | 11 |
| 12 | – | – | – | 0.7 03 | 0.8 03 | 18.2 72 | 15.1 59 | – | 11.8 47 | 3.0 12 | 1.5 06 | – | 12 |
| 13 | 0.7 03 | – | – | 0.3 01 | 0.5 02 | 0.1 | 1.6 06 | – | – | 8.1 32 | 0.3 01 | 14.9 59 | 13 |
| 14 | – | – | – | 1.2 05 | – | 9.0 36 | 1.0 04 | 3.4 13 | 4.4 17 | 3.4 13 | 7.3 29 | 32.3 1.27 | 14 |
| 15 | 7.0 28 | – | – | 3.0 12 | 4.2 17 | 2.2 09 | 1.1 04 | 2.0 08 | 1.1 04 | 0.1 | 10.3 41 | 1.3 05 | 15 |
| 16 | 0.9 03 | 4.0 16 | 0.5 02 | 0.1 | 0.6 02 | 0.1 | 2.2 09 | – | – | 0.6 02 | 21.0 83 | 0.5 02 | 16 |
| 17 | 3.3 13 | 12.3 49 | – | 0.8 03 | 0.1 | – | 5.2 20 | 5.7 22 | – | 10.5 42 | 1.5 06 | 3.3 13 | 17 |
| 18 | – | 0.4 02 | – | 2.0 08 | – | 1.1 04 | 11.0 43 | 3.5 14 | – | 23.9 94 | 0.2 01 | 0.1 | 18 |
| 19 | 9.0 35 | 6.8 27 | 0.3 .01 | 3.7 15 | – | 1.6 06 | 3.1 12 | 12.7 50 | – | 2.8 11 | – | – | 19 |
| 20 | 8.3 33 | 2.4 09 | 2.4 .10 | – | – | – | 0.7 03 | 0.6 02 | – | 1.0 04 | – | – | 20 |
| 21 | 9.2 36 | 0.2 01 | – | 2.4 09 | – | 1.3 05 | – | – | – | 5.0 20 | – | 0.6 02 | 21 |
| 22 | 6.1 24 | 5.8 23 | 1.4 06 | – | 0.2 01 | 20.0 79 | 11.4 45 | – | ! – | 0.1 | – | 1.5 06 | 22 |
| 23 | – | 0.2 01 | 2.2 09 | 7.1 28 | – | – | 21.0 83 | – | – | 1.0 04 | – | 0.2 01 | 23 |
| 24 | 4.6 18 | – | 0.1 – | 1.4 06 | 1.7 07 | – | 0.1 | – | 4.1 16 | 15.0 59 | – | 1.5 06 | 24 |
| 25 | 9.7 38 | – | 0.4 02 | 1.0 04 | – | – | 2.0 08 | – | 9.3 37 | 13.7 54 | – | 0.7 03 | 25 |
| 26 | 2.0 08 | 5.7 22 | 0.8 03 | 0.2 01 | – | – | 1.2 05 | – | 6.0 24 | 16.3 64 | – | 0.1 | 26 |
| 27 | 27.5 108 | 1.1 04 | – | – | – | – | – | – | 1.0 04 | 14.6 57 | – | – | 27 |
| 28 | 2.7 11 | 4.2 17 | 7.0 28 | 0.1 | – | 1.1 04 | 3.1 12 | – | – | 0.9 04 | – | 3.2 13 | 28 |
| 29 | 1.8 07 | 6.7 26 | 17.6 69 | – | 12.2 48 | 21.0 83 | – | – | – | 4.0 16 | 9.0 35 | 0.7 03 | 29 |
| 30 | 8.6 34 | × | – | – | 3.9 15 | 0.5 02 | 15.0 59 | 0.3 01 | – | 11.1 44 | 6.7 26 | 1.1 04 | 30 |
| 31 | 1.8 07 | × | 0.7 03 | × | – | × | 0.9 04 | 1.6 06 | × | 0.0 | × | 15.3 60 | 31 |
| TOTAL | 131.7 | 62.2 | 69.6 | 29.2 | 24.7 | 89.7 | 128.0 | 73.6 | 161.01 | 135.1 | 168.1 | 132.6 | YEAR'S TOTAL 1205.5 ~~1209.5~~ |
| *Days with 0·2 mm. or more. | 24 | 16 | 16 | 14 | 9 | 15 | 23 | 15 | 18 | 17 | 19 | 24 | 210 ~~208~~ |
| *Days with 1·0 mm. or more. | 20 | 13 | 11 | 10 | 4 | 13 | 20 | 12 | 16 | 15 | 17 | 16 | 167 |
| | 5.19 | 2.45 | 2.74 | 1.15 | 0.97 | 3.53 | 5.04 | 2.90 | 6.34 | 5.32 | 6.62 | 5.22 | 47.47 |

(T44W)
40-9999

(Signed) ..........

[P.T.O.

COPY FOR OFFICIAL USE. 2845 235

Section **A** for the entry of Daily Observations.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1091.

# REGISTER OF RAINFALL IN 1937.

*Kept at* Bolton (Queen's Park)

*in the County of* Lancs

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. – in.

,, Ground ,, Sea Level 342 ft.

Daily Values

T.L. 400

mm.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | |
| 1 | 0·2$^{01}$ | 4·0$^{16}$ | 2·1$^{08}$ | – | – | ·8$^{03}$ | 2·2$^{09}$ | – | 6·1$^{24}$ | ·9$^{04}$ | ·1 | 4·1$^{16}$ | 1 |
| 2 | 3·2$^{13}$ | 6·5$^{26}$ | 5·4$^{21}$ | 3·6$^{14}$ | – | ·3$^{01}$ | – | – | ·5$^{02}$ | ·2$^{01}$ | – | ·1 | 2 |
| 3 | 0·1 | 4·7$^{19}$ | ·5$^{02}$ | 2·1$^{08}$ | 1·5$^{06}$ | 14·3$^{56}$ | 3·8$^{15}$ | – | ·3$^{01}$ | – | – | ·1 | 3 |
| 4 | 7·5$^{30}$ | 0·9$^{04}$ | 1·0$^{04}$ | 2·4$^{09}$ | 5·1$^{·20}$ | tr | ·9$^{04}$ | – | ·3$^{01}$ | – | – | 12·0$^{47}$ | 4 |
| 5 | 32·1$^{126}$ | – | ·3$^{01}$ | ·5$^{02}$ | 1·0$^{04}$ | 1·4$^{06}$ | tr | ·1 | – | – | – | 1·2$^{05}$ | 5 |
| 6 | 2·3$^{09}$ | – | – | 5·1$^{20}$ | 3·8$^{15}$ | – | – | 3·5$^{14}$ | 1·2$^{05}$ | ·4$^{02}$ | – | ·9$^{04}$ | 6 |
| 7 | – | 9·3$^{37}$ | – | 8·1$^{32}$ | 2·4$^{09}$ | 3·2$^{13}$ | tr | – | 1·2$^{05}$ | – | – | – | 7 |
| 8 | 0·4$^{02}$ | 16·0$^{63}$ | – | 1·4$^{06}$ | – | 1·4$^{06}$ | 10·0$^{39}$ | – | ·2$^{01}$ | – | 1·4$^{06}$ | – | 8 |
| 9 | 0·3$^{01}$ | 2·4$^{09}$ | ·9$^{04}$ | 1·3$^{05}$ | 7·5$^{30}$ | ·1 | 13·2$^{52}$ | 8·3$^{33}$ | – | – | – | – | 9 |
| 10 | 0·2$^{01}$ | 7·7$^{30}$ | – | – | – | ·3$^{01}$ | 2·4$^{09}$ | – | – | – | – | 8·3$^{33}$ | 10 |
| 11 | – | 0·3$^{01}$ | 5·0$^{20}$ | – | 11·6$^{46}$ | – | ·1 | – | – | – | – | ·3$^{01}$ | 11 |
| 12 | 1·0$^{04}$ | 13·3$^{52}$ | 4·0$^{16}$ | – | ·2$^{01}$ | 9·3$^{37}$ | 2·1$^{08}$ | 8·5$^{34}$ | 8·7$^{34}$ | – | – | 8·6$^{34}$ | 12 |
| 13 | – | 7·2$^{28}$ | ·2$^{01}$ | – | – | 1·5$^{06}$ | – | 23·9$^{94}$ | ·3$^{01}$ | – | – | 5·8$^{23}$ | 13 |
| 14 | – | 3·2$^{12}$ | 2·3$^{09}$ | – | – | ·3$^{01}$ | – | 12·8$^{50}$ | 3·1$^{12}$ | – | 1·7$^{07}$ | 7·1$^{28}$ | 14 |
| 15 | 6·6$^{26}$ | 12·1$^{48}$ | – | 10·0$^{40}$ | – | – | 7·2$^{28}$ | – | 14·0$^{55}$ | – | – | 1·2$^{05}$ | 15 |
| 16 | 1·3$^{05}$ | 13·9$^{55}$ | 4·8$^{19}$ | 13·6$^{54}$ | – | – | – | 4·1$^{16}$ | 1·5$^{06}$ | – | – | – | 16 |
| 17 | 2·0$^{08}$ | 1·8$^{07}$ | 6·0$^{23}$ | 9·7$^{38}$ | – | ·5$^{02}$ | – | ·2$^{01}$ | 1·6$^{06}$ | – | – | – | 17 |
| 18 | 6·3$^{25}$ | 10·0$^{39}$ | 1·9$^{07}$ | 11·4$^{45}$ | 1·7$^{07}$ | – | ·8$^{03}$ | 8·5$^{33}$ | – | – | 13·4$^{53}$ | – | 18 |
| 19 | 2·9$^{11}$ | 5·1$^{20}$ | 4·0$^{16}$ | 6·9$^{27}$ | – | ·2$^{01}$ | ·3$^{01}$ | 2·0$^{08}$ | – | – | 11·0$^{43}$ | – | 19 |
| 20 | 1·1$^{04}$ | 1·6$^{06}$ | – | 6·4$^{25}$ | 5·7$^{22}$ | 6·2$^{24}$ | 6·4$^{25}$ | – | ·5$^{02}$ | – | – | 5·3$^{21}$ | 20 |
| 21 | 0·1 | 3·3$^{13}$ | ·4$^{02}$ | 8·8$^{35}$ | ·1 | – | 7·4$^{30}$ | – | ·1 | 4·8$^{19}$ | – | 1·9$^{07}$ | 21 |
| 22 | 4·1$^{16}$ | 3·9$^{15}$ | 2·6$^{10}$ | – | 1·1$^{04}$ | – | 6·5 | – | – | 8·5$^{33}$ | 5·9$^{23}$ | 4·8$^{19}$ | 22 |
| 23 | 3·5$^{14}$ | – | ·4$^{02}$ | – | 10·5$^{42}$ | – | 4·3$^{17}$ | – | – | 10·0$^{40}$ | 4·5$^{18}$ | – | 23 |
| 24 | 3·7$^{15}$ | 8·1$^{32}$ | 4·0$^{16}$ | – | ·1 | – | 1·3$^{05}$ | – | 6·6$^{26}$ | 8·4$^{33}$ | ·1 | 2·8$^{11}$ | 24 |
| 25 | 0·1 | 12·7$^{50}$ | ·1 | – | – | – | ·2$^{01}$ | 5·8$^{23}$ | 2·7$^{11}$ | 1·1$^{04}$ | – | 1·5$^{06}$ | 25 |
| 26 | – | 8·4$^{33}$ | 2·8$^{11}$ | – | 10·7$^{42}$ | – | – | – | ·2$^{01}$ | – | – | 2·9$^{11}$ | 26 |
| 27 | – | 19·9$^{78}$ | ·6$^{02}$ | 3·9$^{15}$ | – | – | – | – | – | 14·9$^{59}$ | – | ·4$^{02}$ | 27 |
| 28 | – | 0·2$^{01}$ | – | – | – | 1·5$^{06}$ | – | – | ·1 | 3·9$^{15}$ | – | – | 28 |
| 29 | 0·1 | | – | – | – | 2·9$^{11}$ | – | – | – | ·6$^{02}$ | 4·3$^{17}$ | – | 29 |
| 30 | 4·6$^{18}$ | × | – | – | – | 8·2$^{32}$ | – | – | ·2$^{·01}$ | 2·3$^{09}$ | 15·1$^{59}$ | – | 30 |
| 31 | 8·1$^{32}$ | × | – | × | – | × | – | 2·0$^{08}$ | × | 4·1$^{16}$ | × | – | 31 |
| TOTAL | 91·8 | 176·5 | 49·3 | 95·2 | 63·0 | 52·4 | 69·1 | 79·7 | 49·4 | 60·1 | 57·5 | 69·3 | YEAR'S TOTAL 913·3 ✓ |
| *Days with 0·2 mm. or more. | 20 | 25 | 20 | 16 | 13 | 16 | 16 | 11 | 18 | 13 | 8 | 17 | 193 ✓ |
| *Days with 1·0 mm. or more. | 16 | 22 | 13 | 15 | 12 | 10 | 12 | 10 | 10 | 9 | 8 | 14 | 151 ✓ |
| (144W) 40-9999 | 3·61 | 6·95 | 1·94 | 3·75 | 2·48 | 2·06 | 2·72 | 3·14 | 1·94 | 2·375 | 2·36 | 2·73 | 35·95 |

(Signed)

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2845

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1091.

# REGISTER OF RAINFALL IN 1938.

Kept at Bolton (Queens Park)
in the County of Lancs.
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. - in.
,, Ground ,, Sea Level 342 ft.

T.L

Daily Values

400

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf.

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | | |
| 1 | - | ·5 | - | ·6 | - | 19·0 | 0·7 | 8·1 | 0·1 | 7·8 | 6·0 | 13·4 | | 1 |
| 2 | - | ·4 | tr | 9·1 | tr | 10·2 | 1·0 | tr | 1·1 | 25·3 | 1·0 | 6·7 | | 2 |
| 3 | - | tr | ·1 | ·1 | - | 1·0 | 2·2 | - | 6·7 | 34·0 | 6·5 | 0·8 | | 3 |
| 4 | ·5 | tr | tr | 4·5 | - | 3·4 | 3·4 | 2·3 | - | 9·4 | 1·6 | 26·0 | | 4 |
| 5 | 1·8 | ·3 | - | ·8 | - | 1·0 | 1·4 | 13·2 | 2·7 | 23·7 | tr | 1·3 | | 5 |
| 6 | 6·0 | tr | - | tr | - | 1·9 | 12·2 | - | 17·4 | 8·8 | - | 0·8 | | 6 |
| 7 | 10·0 | ·6 | tr | - | - | tr | 16·9 | 1·0 | 1·8 | 7·4 | - | tr | | 7 |
| 8 | 15·5 | 1·1 | - | - | - | - | 16·2 | 0·2 | - | 23·1 | - | 9·2 | | 8 |
| 9 | 2·1 | 14·0 | 12·2 | - | tr | 12·5 | 2·5 | 0·2 | - | 1·3 | - | 3·2 | | 9 |
| 10 | ·7 | ·7 | 1·6 | - | - | 0·2 | 13·2 | - | 0·4 | 4·0 | - | 4·0 | | 10 |
| 11 | 5·0 | 4·0 | tr | - | 2·1 | 0·9 | 2·2 | 31·3 | 2·0 | 6·7 | 2·0 | 1·4 | | 11 |
| 12 | 5·9 | - | - | - | 5·4 | 0·1 | 0·1 | 2·6 | tr | 37·4 | 13·9 | tr | | 12 |
| 13 | ·5 | ·6 | - | - | 1·9 | - | 1·8 | - | 1·9 | 1·6 | 3·1 | 5·4 | | 13 |
| 14 | 6·3 | ·2 | - | - | 5·1 | 0·3 | 1·8 | - | 3·2 | 0·1 | 0·6 | 0·2 | | 14 |
| 15 | 7·3 | - | ·3 | - | 0·6 | - | 7·2 | 8·5 | tr | 1·0 | tr | 2·3 | | 15 |
| 16 | 7·2 | - | 1·7 | - | 5·8 | - | 0·5 | 2·7 | 1·7 | 1·8 | 4·0 | 2·0 | | 16 |
| 17 | - | - | - | - | 23·5 | - | 3·5 | 4·9 | 0·9 | 13·1 | 1·0 | 1·5 | | 17 |
| 18 | 2·0 | - | - | - | 1·3 | 1·2 | - | 13·0 | 1·2 | 10·0 | 8·5 | - | | 18 |
| 19 | - | - | - | - | tr | tr | - | 5·9 | 1·8 | tr | 0·2 | 0·3 | | 19 |
| 20 | 9·4 | - | 1·4 | - | - | - | - | 3·9 | 4·2 | tr | 9·6 | 0·1 | | 20 |
| 21 | - | - | ·1 | - | - | tr | - | 2·0 | 0·1 | - | 1·8 | 1·2 | | 21 |
| 22 | - | - | - | - | 2·0 | 6·3 | - | tr | tr | - | 11·4 | 0·6 | | 22 |
| 23 | ·2 | - | - | - | 5·5 | 8·7 | - | 0·1 | 2·3 | tr | 19·6 | tr | | 23 |
| 24 | 8·7 | 5·3 | 5·8 | - | 1·8 | 3·6 | 0·3 | 12·4 | 0·2 | 1·6 | 5·5 | - | | 24 |
| 25 | 1·8 | 7·6 | 2·8 | - | 1·2 | 0·1 | 6·1 | tr | - | 14·3 | 14·1 | 2·7 | | 25 |
| 26 | 10·2 | 10·0 | 12·7 | - | 5·8 | 11·3 | tr | - | 1·4 | 12·3 | 5·5 | 7·4 | | 26 |
| 27 | 16·5 | 3·8 | ·1 | - | 12·5 | 3·7 | 3·9 | 4·9 | 0·7 | tr | 9·9 | 0·1 | | 27 |
| 28 | 4·3 | 1·2 | 5·1 | - | 1·2 | 21·2 | 4·0 | 2·9 | 2·7 | 1·8 | 0·5 | 5·1 | | 28 |
| 29 | 9·0 | | 3·3 | - | 43·7 | 4·4 | 8·3 | - | tr | 4·1 | 1·7 | 17·7 | | 29 |
| 30 | 8·0 | × | - | - | 3·8 | 1·0 | 0·3 | - | 14·3 | 0·1 | 6·6 | 3·1 | | 30 |
| 31 | 5·6 | × | 3·0 | × | 10·8 | × | - | - | × | 13·6 | × | 28·3 | | 31 |
| TOTAL | 144·5 | 50·3 | 50·2 | 15·1 | 134·0 | 112·0 | 109·7 | 120·1 | 68·8 | 264·3 | 134·6 | 144·8 | Year's Total<br>1348·4 | |
| * Days with 0.2 mm. or more. | 24 | 15 | 11 | 4 | 18 | 19 | 22 | 18 | 20 | 23 | 23 | 24 | 221 | ✓ |
| * Days with 1.0 mm. or more. | 20 | 8 | 10 | 2 | 17 | 16 | 18 | 16 | 16 | 23 | 20 | 19 | 185 | ✓ |

(144w) * See Instruction 2 (f) on other side. † Spare column, no entries required, except year's total.

40-9999. 5·69 1·98 1·98 ·59 5·28 4·41 4·32 4·73 2·71 10·40 5·30 5·70 53·09 (Signed) ........ [P.T.O.

4·55

~~235~~

## COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2845

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1091.

# REGISTER OF RAINFALL IN 1939.

*Kept at* Bolton (Queen's Park)

*in the County of* Lancs

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 342 ft. ✓

T.L.

Daily Values. 400

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | mm. | mm. | mm. ✓ | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | | |
| 1 | 13.2 | - | 2.0 | 6.2 | - | - | 4.0 | 0.6 | 0.4 | 0.4 | - | 5.0 | | 1 |
| 2 | 2.7 | - | 0.1 | 3.5 | - | - | 8.5 | 16.5 | 18.7 | - | 2.9 | 2.9 | | 2 |
| 3 | 3.1 | - | tr | 3.1 | - | - | 0.1 | 1.7 | 3.5 | - | 1.1 | 26.0 | | 3 |
| 4 | 2.3 | - | 7.9 | 6.2 | 4.4 | - | 8.0 | tr | - | 3.5 | 0.8 | 22.7 | | 4 |
| 5 | - | 0.2 | 0.1 | tr | 8.1 | - | 4.3 | 3.0 | - | 1.8 | 7.5 | 0.3 | | 5 |
| 6 | 28.6 | 5.9 | tr | - | 0.4 | - | 11.8 | 0.5 | - | - | 1.1 | 0.1 | | 6 |
| 7 | 3.3 | 5.8 | 0.7 | - | - | - | 2.8 | tr | - | - | 3.2 | 15.9 | | 7 |
| 8 | 8.0 | 2.3 | 9.0 | 1.2 | - | - | 14.1 | 3.7 | - | 5.8 | 9.8 | 6.9 | | 8 |
| 9 | 2.5 | 10.8 | tr | - | - | - | 0.9 | 14.2 | 0.2 | 8.6 | 2.3 | 13.6 | | 9 |
| 10 | 5.6 | 0.6 | 1.3 | tr | - | 4.6 | - | 0.4 | 9.2 | 6.4 | 0.2 | 3.8 | | 10 |
| 11 | 6.2 | 2.3 | 6.5 | - | - | 6.9 | - | - | 0.1 | tr | - | 0.1 | | 11 |
| 12 | 13.8 | 2.4 | 0.1 | - | - | 0.5 | - | - | 0.5 | 0.2 | 0.4 | tr | | 12 |
| 13 | 0.1 | tr | 0.5 | 7.5 | 3.3 | 9.0 | 8.3 | - | 2.0 | 0.9 | 0.1 | - | | 13 |
| 14 | 17.1 | tr | tr | 0.2 | 6.4 | 12.9 | 9.5 | - | - | - | 8.6 | tr | | 14 |
| 15 | 3.1 | 1.3 | - | 25.8 | 0.4 | 23.1 | 3.6 | - | - | tr | 3.5 | tr | | 15 |
| 16 | 1.7 | tr | 2.9 | 0.3 | 5.7 | tr | 5.8 | - | - | 4.3 | 2.6 | - | | 16 |
| 17 | 23.1 | 9.4 | 0.2 | tr | 4.5 | 0.4 | 0.1 | - | - | 11.6 | 2.3 | - | | 17 |
| 18 | 2.2 | 9.2 | 1.0 | - | tr | 4.2 | 3.1 | - | - | - | 21.2 | - | | 18 |
| 19 | 6.1 | 0.2 | 0.1 | - | 0.3 | 0.2 | 8.8 | - | tr | - | 0.2 | - | | 19 |
| 20 | 2.4 | - | 1.2 | - | 0.1 | 0.8 | 0.8 | 4.5 | - | - | tr | - | | 20 |
| 21 | 3.4 | 1.1 | 15.0 | 3.7 | 0.2 | tr | 2.0 | 1.7 | 1.4 | - | - | - | | 21 |
| 22 | 2.8 | 6.9 | 6.5 | 8.6 | - | - | 0.9 | tr | - | 0.6 | 19.3 | - | | 22 |
| 23 | 0.6 | 9.5 | 0.4 | 6.2 | - | 2.1 | 0.5 | - | - | 15.1 | 5.3 | 0.4 | | 23 |
| 24 | tr | 5.7 | tr | 0.2 | - | tr | 0.8 | tr | - | 1.3 | 0.3 | - | | 24 |
| 25 | 1.8 | 2.6 | - | 0.7 | - | - | tr | tr | - | - | 32.1 | 0.1 | | 25 |
| 26 | tr | 0.3 | - | - | - | - | - | 1.8 | - | 1.9 | 9.2 | 0.2 | | 26 |
| 27 | 0.1 | 45.2 | 0.2 | tr | - | 10.8 | 2.7 | 0.5 | - | - | 6.2 | 2.0 | | 27 |
| 28 | 0.1 | 5.2 | 2.7 | - | - | 10.2 | 20.7 | tr | - | - | 23.5 | - | | 28 |
| 29 | tr | | 0.2 | - | - | tr | 41.4 | - | - | 2.0 | 2.7 | - | | 29 |
| 30 | - | ✖ | tr | - | - | 1.5 | 3.1 | - | - | tr | 9.0 | - | | 30 |
| 31 | - | ✖ | - | ✖ | - | ✖ | 2.0 | 0.1 | ✖ | 0.1 | ✖ | - | | 31 |
| TOTAL | 153.9 | 126.9 | 58.6 | 73.4 | 33.8 | 87.2 | 168.6 | 49.2 | 36.0 | 64.5 | 175.4 | 100.0 | Year's Total<br>1127.5 ✓ | |
| * Days with 0.2 mm. or more. | 22 | 20 | 17 | 14 | 10 | 14 | 24 | 12 | 8 | 16 | 25 | 12 | 194 ✓ | |
| * Days with 1.0 mm. or more. | 21 | 16 | 11 | 10 | 6 | 10 | 19 | 8 | 5 | 11 | 20 | 9 | 146 ✓ | |

(141w) * See Instruction 2 (f) on other side. † Spare column, no entries required, except year's total.

40-9999. 6.06 5.00 2.31 2.89 ✓ 1.33 3.43 ✓ 6.64 1.94 1.42 2.54 6.91 3.94 ~~44.44~~

(Signed) ........................................ [P.T.O.

235

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations* Station No. 2845

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1091.

# REGISTER OF RAINFALL IN 19340

*Kept at* Bolton (Queen's Park)
*in the County of* Lancs
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
,, Ground ,, Sea Level 342 ft.

Daily Values

T.

400

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | † | |
| 1 | - | - | - | ·27<br>6.7 | tr | - | tr | - | ·01<br>0.2 | - | ·46<br>11.6 | ·23<br>5.9 | | 1 |
| 2 | - | ·01<br>0.2 | - | ·30<br>7.6 | - | tr | ·20<br>5.1 | - | - | - | ·47<br>12.0 | ·36<br>9.0 | | 2 |
| 3 | 0.1 | 0.1 | ·01<br>0.2 | ·41<br>10.4 | - | - | ·72<br>18.3 | - | - | ·04<br>1.0 | ·09<br>2.4 | ·09<br>2.2 | | 3 |
| 4 | - | ·12<br>3.0 | - | ·03<br>0.7 | - | - | ·17<br>4.4 | - | tr | ·22<br>5.4 | ·19<br>4.9 | ·33<br>8.4 | | 4 |
| 5 | - | ·09<br>2.4 | - | - | ·12<br>3.1 | - | ·02<br>0.4 | - | - | ·53<br>13.4 | ·29<br>7.4 | ·40<br>10.1 | | 5 |
| 6 | ·12<br>3.1 | ·28<br>7.0 | - | - | - | - | ·12<br>3.0 | tr | - | ·44<br>11.2 | ·04<br>1.1 | ·07<br>1.8 | | 6 |
| 7 | ·05<br>1.3 | ·22<br>5.5 | ·02<br>0.4 | ·30<br>7.5 | ·04<br>1.2 | - | ·13<br>3.3 | ·13<br>3.4 | ·13<br>3.3 | ·04<br>0.9 | 0.1 | - | | 7 |
| 8 | 0.1 | - | ·03<br>0.7 | ·06<br>1.3 | tr | - | ·01<br>0.2 | ·02<br>0.4 | tr | ·28<br>7.2 | ·09<br>2.2 | ·37<br>9.5 | | 8 |
| 9 | - | - | ·31<br>8.0 | tr | - | - | ·78<br>19.9 | ·08<br>2.2 | ·43<br>11.0 | ·61<br>15.6 | 1·59<br>40.5 | ·42<br>10.6 | | 9 |
| 10 | - | - | ·05<br>1.2 | - | - | - | ·34<br>8.6 | ·31<br>8.0 | - | ·18<br>4.6 | ·48<br>12.2 | ·53<br>13.4 | | 10 |
| 11 | - | ·01<br>0.3 | ·15<br>3.7 | ·21<br>5.3 | - | ·01<br>0.3 | ·08<br>2.1 | tr | - | tr | 1·54<br>38.9 | tr | | 11 |
| 12 | - | tr | ·31<br>7.9 | - | - | ·07<br>1.6 | ·11<br>2.8 | ·11<br>2.5 | ·38<br>9.7 | - | ·40<br>10.0 | tr | | 12 |
| 13 | - | tr | ·21<br>5.4 | - | - | - | ·01<br>0.2 | ·09<br>2.2 | ·48<br>12.3 | - | ·07<br>1.8 | ·04<br>1.1 | | 13 |
| 14 | - | ·04<br>1.0 | ·04<br>1.0 | ·35<br>9.0 | ·18<br>4.5 | - | ·07<br>1.9 | ·19<br>4.9 | ·11<br>2.9 | 0.1 | ·26<br>6.5 | ·42<br>10.7 | | 14 |
| 15 | ·02<br>0.5 | - | - | ·42<br>10.7 | ·06<br>1.4 | ·03<br>0.8 | - | ·04<br>1.1 | ·17<br>4.2 | - | ·10<br>2.4 | ·06<br>1.4 | | 15 |
| 16 | ·03<br>0.7 | 4.1 | ·21<br>5.3 | ·02<br>0.5 | - | tr | ·20<br>5.3 | - | 1·23<br>31.2 | ·39<br>9.8 | ·08<br>20 | ·19<br>4.9 | | 16 |
| 17 | - | - | ·51<br>13.3 | 0.1 | ·65<br>16.4 | - | 1·13<br>28.6 | - | ·13<br>3.3 | 0.1 | ·43<br>10.9 | ·04<br>0.9 | | 17 |
| 18 | ·05<br>1.2 | ·17<br>3.9 | ·15<br>3.8 | ·31<br>7.8 | - | - | ·02<br>0.4 | ·61<br>15.6 | ·24<br>6.1 | - | 0.1 | ·31<br>7.9 | | 18 |
| 19 | - | ·30<br>7.5 | ·23<br>5.8 | ·05<br>1.3 | - | - | ·09<br>2.3 | - | ·37<br>9.4 | - | ·32<br>8.1 | 0.1 | | 19 |
| 20 | - | - | ·01<br>0.2 | ·31<br>8.0 | - | - | ·15<br>3.7 | ·39<br>9.8 | ·14<br>3.5 | ·26<br>6.7 | ·06<br>1.5 | - | | 20 |
| 21 | - | ·01<br>0.3 | ·25<br>6.3 | 0.1 | - | ·38<br>9.6 | ·13<br>3.3 | ·06<br>1.4 | - | ·04<br>0.9 | ·58<br>14.7 | - | | 21 |
| 22 | - | 0.1 | ·05<br>1.3 | 0.1 | ·18<br>4.5 | ·12<br>3.1 | - | ·17<br>4.4 | ·25<br>6.4 | - | 0.1 | - | | 22 |
| 23 | - | ·11<br>2.9 | ·02<br>0.5 | ·13<br>3.3 | ·13<br>3.3 | 0.1 | ·15<br>3.7 | - | ·09<br>2.1 | - | ·21<br>5.3 | - | | 23 |
| 24 | ·48<br>12.2 | ·02<br>0.5 | tr | tr | 0.1 | - | - | - | 0.1 | - | 0.1 | ·01<br>0.2 | | 24 |
| 25 | ·02<br>0.4 | - | - | tr | ·03<br>0.7 | ·17<br>4.3 | tr | - | - | - | tr | - | | 25 |
| 26 | 1·00<br>25.4 | ·26<br>6.6 | ·01<br>0.2 | tr | ·01<br>0.2 | ·03<br>0.8 | ·33<br>8.4 | ·02<br>0.4 | 0.1 | - | ·08<br>2.1 | 0.1 | | 26 |
| 27 | 1·09<br>27.8 | ·84<br>21.3 | - | ·09<br>2.3 | ·02<br>0.5 | - | ·28<br>7.0 | - | ·01<br>0.2 | 0.1 | ·11<br>2.7 | 0.1 | | 27 |
| 28 | ·11<br>2.8 | ·08<br>2.1 | - | 0.1 | ·09<br>2.3 | - | 0.1 | ·11<br>2.8 | - | 0.1 | - | ·06<br>1.6 | | 28 |
| 29 | ·02<br>0.4 | - | ·46<br>11.8 | 0.1 | - | ·31<br>7.8 | ·06<br>1.6 | - | - | ·02<br>0.4 | 0.1 | ·96<br>24.3 | | 29 |
| 30 | ·01<br>0.3 | ✕ | 0.1 | ·01<br>0.2 | - | tr | tr | - | - | ·44<br>11.2 | ·02<br>0.4 | ·30<br>7.6 | | 30 |
| 31 | ·01<br>0.2 | ✕ | ·10<br>2.5 | ✕ | ·09<br>2.4 | ✕ | - | ·07<br>1.9 | ✕ | ·78<br>19.8 | ✕ | ·01<br>0.3 | | 31 |
| TOTAL | 76.5 | 68.8 | 79.6 | 83.1 | 40.6 | 28.4 | 134.6 | 61.0 | 106.0 | 108.5 | 202.1 | 132.1 | Year's Total<br>1121.3 | |
| * Days with 0.2 mm. or more. | 13 | 14 | 20 | 16 | 12 | 8 | 23 | 15 | 15 | 14 | 23 | 20 | 193 | |
| * Days with 1.0 mm. or more. | 7 | 10 | 14 | 13 | 9 | 5 | 19 | 13 | 13 | 11 | 22 | 17 | 153 | |

(14iw) * See Instruction 3 (f) on other side. † Spare column, no entries required, except year's total.

3.01 2.71 3.13 3.27 1.60 1.12 5.30 (Signed) ............ [P.T.O.

2.40 4.17 4.27 7.96 5.20 44.16

2846

**Section** A for the entry c
AIR MINISTI

FORM 1090.

REGIS

*Kept at* BRADSHAWGATE

*in the County of* Lan

Diameter of Funnel of Gauge

Height of top of Gauge above Grou

,, Ground ,, Sea

THE MORNING MEAS

*An observer who does not conform t*
*year in the space on the right of*

2846
Bolton Bradshawgate
1931 — 40

780501

FOR OFFICIAL USE.
ORGANIZATION.

*ollowing*

Jan. 1, following .34

| Date | Jan. | Feb. | March | | | | | | | | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | | | | | | | | in. | in. | |
| 1 | .13 | .42 | .46 | .06 | - | .00 | - | Saty | trace | .11 | - | - | 1 |
| 2 | .06 | .12 | - | Good Friday | Saty | 1.11 | - | - | 1.10 | .03 | .06 | .07 | 2 |
| 3 | Saty | - | - | .64 | Trace | .02 | .27 | - | .35 | Sat | 1.36 | .33 | 3 |
| 4 | - | - | - | Saty | Trace | - | Saty | .10 | .49 | .03 | .07 | .36 | 4 |
| 5 | - | .18 | - | .42 | .12 | .82 | .49 | .96 | Saty | - | - | Saty | 5 |
| 6 | - | .33 | - | trace | .05 | Sat | .14 | .02 | .31 | .63 | .29 | .34 | 6 |
| 7 | - | Saty | Saty | - | - | 1.05 | Trace | .34 | - | .47 | Sat | .13 | 7 |
| 8 | .12 | .21 | - | .12 | - | .02 | .12 | Saty | .03 | .03 | .26 | .02 | 8 |
| 9 | trace | .68 | - | .21 | Saty | .03 | Trace | .89 | .03 | .04 | .25 | .30 | 9 |
| 10 | Saty | .17 | - | - | .21 | .70 | - | .08 | .09 | Sat) | .28 | .02 | 10 |
| 11 | .78 | .79 | - | Saty | - | Trace | Saty | trace | .53 | - | .77 | .02 | 11 |
| 12 | .03 | .29 | - | .10 | - | Trace | .63 | .02 | Saty | .62 | .14 | Saty | 12 |
| 13 | - | - | .23 | - | .06 | Saty | .23 | .16 | .02 | - | - | trace | 13 |
| 14 | .19 | Saty | Saty | trace | .02 | 1.11 | .05 | .68 | .02 | - | Saty | .03 | 14 |
| 15 | .61 | .50 | - | .23 | .12 | - | .09 | Saty | - | - | .65 | .03 | 15 |
| 16 | .33 | .16 | - | .42 | Saty | .17 | .06 | .96 | .33 | - | - | - | 16 |
| 17 | Saty | .03 | - | .08 | .40 | Trace | .49 | .45 | .06 | Sat | .15 | - | 17 |
| 18 | .73 | - | - | Saty | - | .47 | Saty | .16 | trace | - | .75 | - | 18 |
| 19 | .28 | .31 | - | .02 | - | - | .63 | 1.46 | Saty | .03 | - | Saty | 19 |
| 20 | .02 | .21 | .12 | - | - | Saty | Trace | .12 | trace | - | .07 | .03 | 20 |
| 21 | .56 | Saty | Saty | - | .15 | .26 | .02 | .08 | - | - | Saty | - | 21 |
| 22 | .29 | .12 | .10 | .07 | .13 | .07 | .04 | Saty | - | - | .13 | - | 22 |
| 23 | .34 | - | - | .11 | Saty | .19 | .18 | - | - | - | .81 | .31 | 23 |
| 24 | Saty | .36 | - | .10 | .72 | - | .19 | - | - | Saty | .06 | - | 24 |
| 25 | .46 | 1.06 | - | Saty | .22 | - | Saty | - | - | - | .04 | .32 | 25 |
| 26 | .05 | .08 | - | 1.04 | - | - | Trace | - | Saty | - | .72 | - | 26 |
| 27 | .70 | .11 | - | .07 | .18 | Saty | .44 | - | - | .58 | 1.34 | .09 | 27 |
| 28 | .78 | Saty | Saty | .04 | .20 | - | .14 | - | .12 | - | Sat | .13 | 28 |
| 29 | .26 | x | - | .11 | .12 | - | .06 | Saty | - | .82 | .02 | - | 29 |
| 30 | - | x | - | - | Saty | - | .04 | - | .11 | - | - | - | 30 |
| 31 | Saty | x | - | x | .00 | x | .11 | - | x | Saty | x | .06 | 31 |
| TOTAL | 6.72 | 6.13 | .91 | 3.84 | 2.70 | 6.02 | 4.42 | 6.48 | 3.59 | 3.39 | 8.22 | 2.59 | YEAR'S TOTAL 55.01 |
| *Days with ·01 in. or more. | 19 | 19 | 4 | 17 | 14 | 13 | 20 | 15 | 14 | 11 | 20 | 17 | ~~183~~ |
| *Days with ·04 in. or more. | 17 | 18 | 4 | 16 | 13 | 10 | 19 | 13 | 10 | 7 | 19 | 11 | ~~157~~ |

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*)

P.T.O.

2846

Section **A** for the entry

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1931.

*Kept at* BRADSHAWGATE, BOLTON. No 1

*in the County of* Lancaster.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft - in.

,, Ground ,, Sea Level 299 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following .34

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | .13 | .42 | .46 | .06 | - | .00 | - | Saty | trace | .11 | - | - | 1 |
| 2 | .06 | .12 | - | Good Friday | Saty | 1.11 | - | - | 1.10 | .03 | .06 | .07 | 2 |
| 3 | Saty | - | - | .64 | Trace | .02 | .27 | - | .35 | Sat | 1.36 | .33 | 3 |
| 4 | - | - | - | Saty | Trace | - | Saty | .10 | .49 | .03 | .07 | .36 | 4 |
| 5 | - | .18 | - | .42 | .12 | .82 | .49 | .96 | Saty | - | - | Saty | 5 |
| 6 | - | .33 | - | trace | .05 | Sat | .14 | .02 | .31 | .63 | .29 | .34 | 6 |
| 7 | - | Saty | Saty | - | - | 1.05 | Trace | .34 | - | .47 | Sat | .13 | 7 |
| 8 | .12 | .21 | - | .12 | - | .02 | .12 | Saty | .03 | .03 | .26 | .02 | 8 |
| 9 | trace | .68 | - | .21 | Saty | .03 | Trace | .89 | .03 | .04 | .25 | .30 | 9 |
| 10 | Saty | .17 | - | - | .21 | .70 | - | .08 | .09 | Sat) | .28 | .02 | 10 |
| 11 | .78 | .79 | - | Saty | - | Trace | Saty | trace | .53 | - ) | .77 | .02 | 11 |
| 12 | .03 | .29 | - | .10 | - | Trace | .63 | .02 | Saty | .62 | .14 | Saty | 12 |
| 13 | - | - | .23 | - | .06 | Saty | .23 | .16 | .02 | - | - | trace | 13 |
| 14 | .19 | Saty | Saty | trace | .02 | 1.11 | .05 | .68 | .02 | - | Saty | .03 | 14 |
| 15 | .61 | .50 | - | .23 | .12 | - | .09 | Saty | - | - | .65 | .03 | 15 |
| 16 | .33 | .16 | - | .42 | Saty | .17 | .06 | .96 | .33 | - | - | - | 16 |
| 17 | Saty | .03 | - | .08 | .40 | Trace | .49 | .45 | .06 | Sat | .15 | - | 17 |
| 18 | .73 | - | - | Saty | - | .47 | Saty | .16 | trace | - | .75 | - | 18 |
| 19 | .28 | .31 | - | .02 | - | - | .63 | 1.46 | Saty | .03 | - | Saty | 19 |
| 20 | .02 | .21 | .12 | - | - | Saty | Trace | .12 | trace | - | .07 | .03 | 20 |
| 21 | .56 | Saty | Saty | - | .15 | .26 | .02 | .08 | - | - | Saty | - | 21 |
| 22 | .29 | .12 | .10 | .07 | .13 | .07 | .04 | Saty | - | - | .13 | - | 22 |
| 23 | .34 | - | - | .11 | Saty | .19 | .18 | - | - | - | .81 | .31 | 23 |
| 24 | Saty | .36 | - | .10 | .72 | - | .19 | - | - | Saty | .06 | - | 24 |
| 25 | .46 | 1.06 | - | Saty | .22 | - | Saty | - | - | - | .04 | .32 | 25 |
| 26 | .05 | .08 | - | 1.04 | - | - | Trace | - | Saty | - | .72 | - | 26 |
| 27 | .70 | .11 | - | .07 | .18 | Saty | .44 | - | - | .58 | 1.34 | .09 | 27 |
| 28 | .78 | Saty | Saty | .04 | .20 | - | .12 | - | .12 | - | Sat | .13 | 28 |
| 29 | .26 | x | - | .11 | .12 | - | .06 | Saty | - | .82 | .02 | - | 29 |
| 30 | - | × | - | - | Saty | - | .04 | - | .11 | - | - | - | 30 |
| 31 | Saty | × | - | × | .00 | × | .11 | - | × | Saty | × | .06 | 31 |
| TOTAL | 6.72 | 6.13 | .91 | 3.84 | 2.70 | 6.02 | 4.42 | 6.48 | 3.59 | 3.39 | 8.22 | 2.59 | YEAR'S TOTAL<br>55.01 |
| *Days with ·01 in. or more. | 19 | 19 | 4 | 17 | 14 | 13 | 20 | 15 | 14 | 11 | 20 | 17 | ~~183~~ |
| *Days with ·04 in. or more. | 17 | 18 | 4 | 16 | 13 | 10 | 19 | 13 | 10 | 7 | 19 | 11 | ~~157~~ |

40-9999

*See Instruction 2 (*f*) on other side.

(Signed)

P.T.O.

2846

Section **A** for the entry of Daily Observations.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1932.

*Kept at* Bradshawgate Bolton

*in the County of* Lancaster

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. - in.

„ Ground „ Sea Level 299ft ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following ·09

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·34 | - | - | ·42 | ·07 | - | ·15 | - | ·55 | | ·12 | ·22 | 1 |
| 2 | | - | - | - | ·17 | - | | ·05 | ·98 | ·31 | ·08 | ·37 | 2 |
| 3 | 1·03 | - | - | ·02 | - | - | ·17 | - | | ·04 | ·03 | | 3 |
| 4 | ·10 | - | - | ·00 | - | - | ·31 | - | ·12 | ·01 | ·07 | ·23 | 4 |
| 5 | ·96 | - | -28 | ·38 | ·02 | - | - | - | ·15 | - | - | Trace | 5 |
| 6 | 1·05 | - | ·28 | ·35 | - | - | - | - | ·17 | - | - | - | 6 |
| 7 | ·04 | - | ·60 | ·09 | - | - | - | - | ·79 | ·63 | - | - | 7 |
| 8 | - | - | - | ·13 | - | - | - | - | ·16 | | Trace. | Trace | 8 |
| 9 | · | ·02 | - | | - | - | - | - | ·15 | ·46 | ·02 | ·04 | 9 |
| 10 | ·61 | ·01 | - | ·38 | Trace | - | - | - | | ·39 | ·02 | | 10 |
| 11 | ·04 | - | - | - | ·71 | - | ·33 | - | ·71 | ·01 | - | ·00 | 11 |
| 12 | ·29 | - | - | - | ·56 | - | ·10 | ·04 | ·06 | ·46 | - | - | 12 |
| 13 | Trace | - | - | ·05 | ·22 | - | ·59 | | ·34 | ·47 | - | ·47 | 13 |
| 14 | ·15 | - | - | ·13 | - | - | ·40 | ·16 | ·01 | ·16 | ·04 | ·05 | 14 |
| 15 | - | - | - | ·00 | ·93 | - | - | - | - | | ·07 | ·07 | 15 |
| 16 | - | - | - | | - | - | | Trace | - | ·43 | - | ·03 | 16 |
| 17 | ·28 | - | - | ·00 | - | - | ·14 | ·04 | | ·33 | - | | 17 |
| 18 | - | - | - | ·00 | ·08 | - | ·03 | Trace | ·05 | ·11 | ·01 | Trace | 18 |
| 19 | - | - | - | ·00 | ·09 | - | - | - | - | ·37 | | ·01 | 19 |
| 20 | - | - | - | ·32 | ·42 | - | ·19 | Saty | - | ·23 | ·14 | ·03 | 20 |
| 21 | ·07 | - | ·35 | ·03 | · | - | - | ·57 | - | ·50 | ·20 | ·03 | 21 |
| 22 | ·02 | - | ·20 | ·26 | ·25 | - | - | - | - | | 1·26 | ·06 | 22 |
| 23 | - | ·02 | - | · | ·36 | - | · | - | - | ·16 | ·12 | ·05 | 23 |
| 24 | ·06 | - | ~~Good~~ | ·01 | Trace | ·02 | ·46 | - | · | ·02 | ·19 | | 24 |
| 25 | - | trace | GOOD FRIDAY | ·13 | ·16 | - | ·03 | - | ·36 | 1·33 | ·24 | ·04 | 25 |
| 26 | - | - | | ·08 | ·21 | - | ·51 | - | ·08 | ·40 | | - | 26 |
| 27 | - | - | ·35 | ·47 | ·24 | ·35 | ·32 | - | - | ·01 | ·33 | ·09 | 27 |
| 28 | - | - | ·05 | ·10 | · | - | ·46 | - | - | - | Trace | ·02 | 28 |
| 29 | ·15 | - | ·71 | ·47 | ·16 | ·11 | ·17 | ·36 | ·14 | | ·41 | ·21 | 29 |
| 30 | | X | ·11 | - | ·03 | ·34 | · | ·03 | ·19 | 1·47 | ·39 | ·04 | 30 |
| 31 | - | X | ·04 | X | ·02 | X | ·40 | ·04 | X | ·01 | X | · | 31 |
| TOTAL | 5·19 | ·05 | 2·69 | 3·82 | 4·70 | ·82 | 4·76 | 1·29 | 5·01 | 8·31 | 3·74 | 2·06 | YEAR'S TOTAL 42·44 |
| *Days with ·01 in. or more. | ~~15~~ | ~~3~~ | ~~9~~ | ~~18~~ | ~~18~~ | ~~4~~ | ~~17~~ | ~~8~~ | ~~17~~ | ~~23~~ | ~~18~~ | ~~18~~ | ~~168~~ |
| *Days with ·04 in. or more. | ~~14~~ | ~~Nil~~ | ~~9~~ | ~~15~~ | ~~15~~ | ~~3~~ | ~~15~~ | ~~7~~ | 17 | 18 | 14 | 14 | ~~147~~ |

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(Signed) DHM [P.T.O.

*See Instruction 2 (*f*) on other side.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2846

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1933.

*Kept at* Bradshawgate, Bolton.

*in the County of* Lancaster

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. - in.

,, Ground ,, Sea Level 299 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following ·21

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·09 | ·32 | ·07 | · | · | - | | ·08 | ·31 | - | · | · | 1 |
| 2 | ·50 | - | ·20 | ·43 | ·44 | ·20 | 000 | ·10 | ·03 | - | · | · | 2 |
| 3 | ·01 | ·61 | ·32 | - | ·22 | · | 000 | - | - | - | · | · | 3 |
| 4 | ·28 | | | - | - | · | 000 | - | - | ·01 | · | · | 4 |
| 5 | ·20 | ·17 | ·25 | - | ·02 | · | 000 | - | · | - | ·04 | · | 5 |
| 6 | ·00 | ·15 | ·09 | - | | · | 000 | - | - | - | ·01 | ·03 | 6 |
| 7 | · | ·46 | ·02 | · | ·13 | · | 0·21 | ·06 | - | - | · | · | 7 |
| 8 | ·39 | ·03 | ·19 | | ·04 | ·19 | | ·02 | - | ·61 | ·01 | ·05 | 8 |
| 9 | ·00 | ·42 | - | ·26 | ·10 | · | 1·12 | - | - | ·54 | ·20 | · | 9 |
| 10 | ·17 | - | - | - | Tr | | 0·05 | - | - | 1·29 | ·17 | · | 10 |
| 11 | ·00 | | - | ·02 | - | ·03 | 0·37 | - | - | ·26 | · | ·11 | 11 |
| 12 | ·02 | ·01 | - | - | - | ·13 | 0·31 | - | - | ·14 | · | ·05 | 12 |
| 13 | ·00 | - | Tr | - | | · | 0·30 | ·03 | - | ·16 | ·21 | · | 13 |
| 14 | | - | ·02 | - | ·16 | · | 0·04 | ·08 | - | | ·62 | · | 14 |
| 15 | ·30 | - | ·05 | | - | Tr | | ·07 | - | ·29 | ·27 | ·01 | 15 |
| 16 | ·12 | ·05 | ·20 | ·05 | ·05 | ·24 | 0·00 | ·02 | | ·13 | ·03 | · | 16 |
| 17 | ·03 | - | ·67 | ·02 | - | | 0·00 | ·56 | ·09 | ·01 | ·02 | ·02 | 17 |
| 18 | ·05 | - | | - | ·12 | 2·22 | 000 | ·02 | - | - | · | · | 18 |
| 19 | ·00 | · | ·53 | - | - | ·23 | 0·42 | · | ·20 | - | ·10 | ·04 | 19 |
| 20 | ·00 | ·33 | Tr | - | | ·32 | 0·00 | ·41 | · | - | · | Tr | 20 |
| 21 | | - | - | · | ·15 | ·03 | 0·00 | ·43 | ·02 | | · | ·01 | 21 |
| 22 | Trace | · | - | · | ·01 | · | | ·06 | · | ·08 | · | · | 22 |
| 23 | ·00 | · | - | ·41 | - | ·04 | 0·00 | - | · | ·09 | · | · | 23 |
| 24 | ·00 | ·14 | - | ·17 | ·19 | | 0·00 | - | ·64 | Trace | · | · | 24 |
| 25 | ·00 | | - | ·04 | - | ·16 | 0·00 | - | ·03 | ·00 | · | ·14 | 25 |
| 26 | ·00 | 1·31 | - | ·28 | - | · | 000 | - | · | ·46 | · | ·02 | 26 |
| 27 | ·00 | ·03 | - | - | | · | 000 | · | · | - | · | · | 27 |
| 28 | · | Tr | - | ·02 | ·09 | · | 0·05 | · | · | · | · | · | 28 |
| 29 | ·00 | - | Tr | · | - | · | | ·07 | · | ·05 | · | ·12 | 29 |
| 30 | ·05 | × | ·05 | ·14 | ·18 | · | 0·18 | · | · | ·37 | · | | 30 |
| 31 | 45 | × | ·11 | × | - | × | 0·06 | · | × | ·94 | × | ·21 | 31 |
| TOTAL | 2·66 | 4·03 | 2·77 | 1·94 | 1·90 | 3·79 | 3·11 | 2·01 | 1·32 | 5·43 | 1·68 | ·81 | YEAR'S TOTAL 31·35 |
| *Days with ·01 in. or more. | 14 | 13 | 14 | 11 | 14 | 11 | 11 | 14 | 7 | 16 | 11 | 12 | ,, 148 |
| *Days with .04 in. or more. | 11 | 10 | 12 | 8 | 12 | 9 | 11 | 10 | 4 | 14 | 7 | 7 | ,, 145 |

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*See Instruction 2 (*f*) on other side.

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(*Signed*)

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2846

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1934.

*Kept at* Bradshawgate, Bolton.

*in the County of* Lancaster

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft - in.

„ Ground „ Sea Level 299 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following: 1.13

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | .21 | .00 | .01 | .00 | - | - | - | .03 | - | .01 | .06 | | | 1 |
| 2 | .02 | .02 | .17 | .00 | .02 | | - | .88 | .10 | - | .31 | 1.07 | | 2 |
| 3 | .14 | | | .00 | - | - | - | .02 | - | .26 | | .14 | | 3 |
| 4 | .22 | .01 | .09 | .04 | .14 | - | - | | .03 | .94 | .09 | .86 | | 4 |
| 5 | .00 | .00 | .08 | .00 | | - | - | .53 | - | .13 | .01 | .18 | | 5 |
| 6 | - | .00 | .29 | .14 | .65 | .04 | - | .40 | - | | - | .84 | | 6 |
| 7 | .37 | .00 | .21 | | - | - | | - | - | .40 | .46 | .80 | | 7 |
| 8 | .00 | .00 | .09 | .07 | .17 | .25 | - | .03 | | - | .62 | | | 8 |
| 9 | .00 | .08 | .14 | Trace | - | | - | .13 | .01 | .08 | .23 | .03 | | 9 |
| 10 | .00 | | | .11 | - | .00 | - | .34 | .00 | .54 | | T | | 10 |
| 11 | .03 | .02 | .52 | .41 | - | - | - | | .01 | .03 | .02 | .17 | | 11 |
| 12 | .00 | .00 | .01 | .17 | | - | .26 | .45 | - | .28 | - | .08 | | 12 |
| 13 | | .00 | .00 | .03 | .06 | - | .14 | - | - | - | .01 | .01 | | 13 |
| 14 | .67 | .00 | .14 | | .03 | .02 | | - | - | .81 | Trace | .10 | | 14 |
| 15 | .40 | Trace | .20 | .00 | .87 | - | .03 | .14 | | .04 | .02 | | | 15 |
| 16 | .60 | .00 | .36 | .00 | - | | - | - | .22 | .15 | - | .37 | | 16 |
| 17 | .26 | | | .10 | .28 | - | .28 | - | .28 | .04 | | .28 | | 17 |
| 18 | .20 | Trace | .41 | .37 | .60 | .25 | - | | - | .25 | - | .30 | | 18 |
| 19 | .00 | .00 | .25 | .00 | | .33 | - | .02 | .48 | - | - | .05 | | 19 |
| 20 | | .00 | .03 | .15 | .39 | .19 | - | T | - | | .03 | .01 | | 20 |
| 21 | .08 | .00 | .06 | | - | .14 | | .03 | .36 | .18 | .01 | - | | 21 |
| 22 | .11 | .00 | .03 | .00 | .01 | .13 | - | .19 | | .11 | .06 | | | 22 |
| 23 | .02 | .00 | .15 | .55 | - | | .55 | .05 | .63 | .23 | .14 | .13 | | 23 |
| 24 | .00 | | | .28 | .02 | .03 | Trace | - | .30 | .25 | | | | 24 |
| 25 | .10 | .27 | .06 | .18 | .03 | - | .21 | | .22 | .26 | .01 | .50 | | 25 |
| 26 | .06 | .00 | .02 | .10 | | .09 | .14 | - | .20 | .03 | - | .08 | | 26 |
| 27 | | .00 | .00 | .01 | - | .32 | .29 | - | .01 | | .07 | .32 | | 27 |
| 28 | .00 | .00 | .00 | | - | .41 | | .76 | .10 | .78 | - | .76 | | 28 |
| 29 | .00 | | | .03 | - | - | .25 | .19 | | .23 | .01 | | | 29 |
| 30 | .06 | ✕ | .00 | .00 | - | - | .03 | .04 | .49 | .21 | - | .13 | | 30 |
| 31 | .00 | ✕ | | ✕ | - | ✕ | .20 | .06 | ✕ | .17 | ✕ | .23 | | 31 “d” |
| TOTAL | 3.55 | .40 | 3.32 | 2.74 | 3.27 | 2.20 | 2.38 | 4.29 | 3.44 | 6.41 | 2.16 | 7.44 | Year's Total 41.60 | |
| *Days with .01 in. or more. | 18 ~~17~~ | 7 ~~5~~ | 23 ~~21~~ | 16 | 15 ~~15~~ | 12 | ~~11~~ 12 | ~~18~~ 21 | ~~15~~ 17 | ~~24~~ 28 | 17 | ~~23~~ 26 | (212) ~~192~~ | |
| *Days with .04 in. or more. | 15 ~~14~~ | 2 | 18 ~~16~~ | 13 | 10 ~~8~~ | 10 | 10 ~~9~~ | ~~13~~ 15 | ~~11~~ 12 | ~~21~~ 25 | 9 | ~~20~~ 22 | (161) ~~146~~ | |

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*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) ........................

[P.T.O.

2846

**Section** **A** for the entry of Daily Observations.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM

# REGISTER OF RAINFALL IN 1935.

allocate days

*Kept at* Bradshawgate, Bolton.

*in the County of* Lancaster

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. - in.

,, Ground ,, Sea Level 299 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following . 03

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. ) | |
| 1 | 1.13 | .58 | .01 | .03 | - | - ) | .15 | - | .37 | .83 | .14 | .92 | 1 |
| 2 | .02 | ) | ) | - | - | .36) | .02 | - | .03 | .11 | ) | .08 | 2 |
| 3 | .16 | .97) | .25) | .19 | - | .04 | .25 | ) | - | .07 | .12) | .21 | 3 |
| 4 | .01 | .01 | .06 | - | ) | .35 | - | -) | .37 | .15 | .00 | .02 | 4 |
| 5 | ) | .43 | .08 | .32 | -) | .31 | - | - | .35 | ) | .18 | .37 | 5 |
| 6 | -) | - | .01 | ) | - | .24 | ) | - | - | .01) | .01 | .01 | 6 |
| 7 | - | - | - | .19) | - | .07 | -) | - | ) | .31 | .24 | ) | 7 |
| 8 | - | - | - | .19 | - | ) | - | - | .02) | .34 | .16 | .73) | 8 |
| 9 | .03 | ) | ) | .26 | - | .05) | - | - | - | 1.67 | ) | .01 | 9 |
| 10 | .01 | .14) | - ) | .05 | - | - | - | ) | - | .64 | .43) | - | 10 |
| 11 | .33 | .04 | - | - | ) | .30 | - | T ) | - | .50 | .06 | - | 11 |
| 12 | ) | .20 | - | - | - ) | .53 | - | - | .05 | ) | .00 | - | 12 |
| 13 | .23) | .05 | - | - ) | .23 | - | ) | - | .12 | .10) | .01 | - | 13 |
| 14 | .01 | .01 | - | .08) | - | .09 | -) | - | ) | - | 1.00 | ) | 14 |
| 15 | - | 1.11 | - | .41 | .05 | ) | .01 | - | .46) | .08 | .03 | .87) | 15 |
| 16 | - | ) | ) | .41 | .06 | .20) | .10 | - | .76 | - | ) | - | 16 |
| 17 | - | .29) | .13) | .32 | .64 | .25 | .39 | ) | .22 | .09 | .63) | - | 17 |
| 18 | - | .03 | .01 | ) | ) | .03 | .13 | .02) | .47 | .20 | .07 | - | 18 |
| 19 | ) | .02 | - | .28) | .21) | .33 | .29 | - | - | ) | .27 | - | 19 |
| 20 | -) | .42 | - | ) | - | .34 | ) | - | - | .17) | .01 | - | 20 |
| 21 | - | .14 | .03 | .62) | - | - | .03 | - | ) | .12 | .00 | ) | 21 |
| 22 | - | .16 | - | - | - | ) | - | - | 1.10) | T | .00 | .32) | 22 |
| 23 | .03 | ) | ) | .04 | - | - ) | - | .21 | .04 | .46 | ) | - | 23 |
| 24 | .56 | .47) | .98) | - | - | - | - | ) | 1.00 | .08 | .00) | ) | 24 |
| 25 | .15 | - | .10 | - | - ) | .65 | - | - ) | .02 | - | .04 | .17) | 25 |
| 26 | ) | - | - | - | - ) | - | .03 | 1.23 | .52 | ) | .10 | .25 | 26 |
| 27 | - ) | .05 | - | ) | .04 | .10 | ) | - | .21 | 1.77) | .45 | .03 | 27 |
| 28 | .03 | .22 | - | - ) | - | - | .29) | - | ) | .74 | .08 | ) | 28 |
| 29 | - | | - | - | - | ) | - | .32 | .50) | .28 | .01 | .10) | 29 |
| 30 | .16 | × | ) | - | - | .25) | - | .21 | .32 | .41 | ) | .12 | 30 |
| 31 | .09 | × | .04) | × | - | × | - | | × | .17 | × ) | .41 | 31 d. |
| TOTAL | 2.95 | 5.34 | 1.70 | 3.39 | 1.23 | 4.49 | 1.69 | 1.99 | 6.93 | 9.30 | 4.04 | 4.62 | YEAR'S TOTAL 47.65 |
| *Days with ·01 in. or more. | ~~15~~ | ~~20~~ | ~~11~~ | ~~14~~ | ~~6~~ | ~~18~~ | ~~11~~ | ~~5~~ | ~~19~~ | ~~23~~ | ~~20~~ | ~~16~~ | ~~178~~ |
| *Days with ·04 in. or more. | ~~8~~ | ~~16~~ | ~~7~~ | ~~13~~ | ~~6~~ | ~~17~~ | ~~7~~ | ~~4~~ | ~~16~~ | ~~22~~ | ~~15~~ | ~~12~~ | ~~143~~ |

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*See Instruction 2 (*f*) on other side.

(*Signed*) E. H. Morris [P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2846

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1936.

*Kept at* Bradshawgate, Bolton.

*in the County of* Lancaster.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft - in.

,, Ground ,, Sea Level 299 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf.

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | .03 | ) | 0.25) | .16 | - | .01 | .02 | ) | .08 | - | 0.31 | 0.30 | | 1 |
| 2 | .02 | .10) | 0.01 | 0.05 | ) | .17 | - | .64) | .02 | - | 0.07 | 0.67 | | 2 |
| 3 | T | - | - | - | - ) | .14 | .05 | .22 | 1.23 | ) | - | 0.11 | | 3 |
| 4 | ) | .31 | 0.32 | ) | - | - | - ) | .02 | .98 | -) | 0.24 | 0.21 | | 4 |
| 5 | .37) | .06 | 0.47 | 0.00) | - | .01 | - ) | .41 | ) | - | 0.17 | - ) | | 5 |
| 6 | .06 | - | 0.01 | - | - | - ) | .14 | .38 | 1.32) | - | 0.17 | 0.40) | | 6 |
| 7 | - | - | ) | - | - | - ) | - | - | 1.12 | - | - ) | 0.55 | | 7 |
| 8 | .28 | - ) | 0.45) | - | - | - | .43 | - ) | .02 | - | 0.87) | 0.11 | | 8 |
| 9 | .24 | - ) | 0.04 | ) | ) | .03 | - | - ) | .21 | - | 1.26 | 0.02 | | 9 |
| 10 | .08 | - | - | - ) | - ) | - | .12 | - | .01 | - ) | 0.78 | 0.01 | | 10 |
| 11 | ) | - | 0.01 | ) | - | .10 | - ) | .03 | .08 | - ) | 0.55 | 0.02 | | 11 |
| 12 | - ) | - | - | 0.30) | .03 | .69 | 1.05) | - | ) | 0.09 | 0.05 | - | | 12 |
| 13 | - | - | - | 0.02 | .01 | ) | .05 | - | .47) | 0.30 | 0.02 | 0.53 | | 13 |
| 14 | - | - | - | )0.04 | - | .32) | .03 | .13 | .13 | 0.14 | ) | 1.04 | | 14 |
| 15 | .25 | - ) | - | )0.07 | .17 | .05 | .05 | ) | .03 | - | 0.66) | 0.05 | | 15 |
| 16 | - | .15) | 0.01 | - | ) | .05 | .06 | .15) | - | 0.03 | 0.81 | 0.02 | | 16 |
| 17 | .18 | .49 | - | 0.03 | .02) | - | - | .20 | - | ) | 0.05 | 0.14 | | 17 |
| 18 | ) | .03 | - | ) | - | .04 | - ) | .13 | - | 1.31) | - | - | | 18 |
| 19 | .27) | .26 | 0.02 | 0.18) | - | .04 | .53) | .52 | ) | 0.11 | - | ) | | 19 |
| 20 | .33 | .08 | 0.07 | - | - | ) | .05 | .01 | - ) | 0.03 | - | - ) | | 20 |
| 21 | .33 | - | ) | 0.07 | - | .03) | - | - | - | 0.15 | ) | 0.02 | | 21 |
| 22 | .22 | - ) | 0.05) | - | - | .78 | .38 | ) | - | 0.01 | - ) | - | | 22 |
| 23 | - | .19) | 0.10 | 0.30 | ) | - | .81 | - ) | - | 0.03 | - | 0.06 | | 23 |
| 24 | .18 | - | - | - | .06) | - | - | - | - | ) | 0.02 | ) | | 24 |
| 25 | ) | - | T | ) | - | - | - | - | .50 | 1.13) | 0.02 | ) | | 25 |
| 26 | .41) | .21 | 0.03 | 0.08) | - | - | .09) | - | ) | .71 | - | ) | | 26 |
| 27 | 1.12 | .05 | - | - | - | ) | - ) | - | .21) | .59 | 0.01 | 0.10 | | 27 |
| 28 | .16 | .15 | ) | - | - | - ) | .09 | - | - | .01 | ) | - | | 28 |
| 29 | .05 | - ) | 0.98) | - | .37 | .82 | .02 | - ) | - | .19 | 0.36) | 0.15 | | 29 |
| 30 | .34 | × | - | - | ) | .02 | .53 | - ) | - | .41 | 0.20 | 0.05 | | 30 |
| 31 | .06 | × | 0.03 | × | .34) | × | .06 | .01 | × | | × | 0.50 | 0 | 31 |
| TOTAL | 4.98 | 2.08 | 2.85 | 1.30 | 1.00 | 3.30 | 4.36 | 2.85 | 6.41 | 5.24 | 6.62 | 5.06 | Year's Total. 46.05 | ✓ |
| * Days with .01 in. or more. | 20 | 12 | 16 | 11 | 7 | 16 | 19 | 13 | 15 | 16 | 19 | 21 | 185 | |
| * Days with .04 in. or more. | 18 | 11 | 9 | 9 | 4 | 11 | 16 | 9 | 11 | 11 | 15 | 16 | 140 | |

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† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(*Signed*) ............................................

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2846

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1030.

# REGISTER OF RAINFALL IN 1937.

*Kept at* BRADSHAWGATE, BOLTON.

*in the County of* LANCASTER

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. – in.

„ Ground „ Sea Level 299 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following ✓

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | 0.01 | 0.17 | 0.07 | – | ) | 0.03 | 0.04 | – | 0.27 | 0.04 | 0.01 | 0.06 | | 1 |
| 2 | ) | 0.27 | 0.19 | 0.06 | – ) | 0.01 | 0.01 | – | 0.02 | ) | – | – | | 2 |
| 3 | 0.13) | 0.20 | 0.01 | – ) | 0.05 | 0.55 | – ) | – | – | – ) | – | – | | 3 |
| 4 | 0.27 | 0.03 | 0.03 | 0.16) | 0.18 | – | 0.12) | – | ) | – | – | ) | | 4 |
| 5 | 1.25 | – | 0.02 | 0.02 | 0.03 | ) | – | – | – ) | – | – | 0.60) | | 5 |
| 6 | 0.08 | ) | ) | 0.17 | 0.14 | – ) | – | 0.07 | 0.04 | 0.02 | ) | 0.02 | | 6 |
| 7 | 0.01 | 0.30) | – ) | 0.31) | 0.07 | – | – | – ) | 0.04 | – | – ) | – | | 7 |
| 8 | – | 0.61 | – | 0.03 | ) | 0.18 | 0.02 | – ) | – | – | 0.03 | 0.03 | | 8 |
| 9 | ) | 0.13 | 0.05 | 0.05 | 0.30) | – | 0.82 | – | – | | – | – | | 9 |
| 10 | 0.02) | 0.31 | – | – ) | – | 0.02 | – | 0.31 | – | – ) | – | 0.31 | | 10 |
| 11 | – | 0.03 | 0.20 | – ) | – ) | – | 0.08) | – | – ) | – | – | – ) | | 11 |
| 12 | – | 0.52 | 0.12 | – | 0.33) | ) | 0.06 | 0.32 | 0.34 | – | – | 0.26) | | 12 |
| 13 | 0.04 | – | – ) | – | – | 0.37) | – | 0.78 | 0.02 | – | ) | 0.22 | | 13 |
| 14 | 0.23 | 0.33) | 0.08) | 0.40 | – | – | – | ) | 0.10 | – | 0.06) | 0.26 | | 14 |
| 15 | – | 0.46 | – | 0.23 | – ) | – | 0.28 | 0.60) | 0.56 | – | – | 0.03 | | 15 |
| 16 | ) | 0.57 | 0.18 | 0.43 | – ) | 0.01 | – | 0.16 | 0.03 | ) | – | – | | 16 |
| 17 | 0.14) | 0.07 | 0.26 | ) | – ) | – | – ) | 0.19 | 0.08 | – ) | – | – | | 17 |
| 18 | 0.23 | 0.38 | 0.06 | 0.99 | 0.09 | – | – ) | 0.13 | – ) | – | 0.47 | ) | | 18 |
| 19 | 0.13 | 0.27 | 0.07 | 0.26 | – | ) | 0.03 | – | – ) | – | 0.44 | – ) | | 19 |
| 20 | 0.04 | – ) | ) | 0.18 | 0.23 | 0.12 | 0.10 | – | 0.03 | – | ) | 0.17 | | 20 |
| 21 | 0.01 | 0.17) | 0.02) | 0.34 | – | – | 0.34 | ) | – | 0.13 | – ) | 0.10 | | 21 |
| 22 | 0.11 | 0.15 | 0.06 | 0.02 | ) | – | 0.18 | – ) | – | 0.38 | 0.20 | 0.23 | | 22 |
| 23 | ) | 1.01 | 0.02 | – | 0.45) | – | 0.17 | – | – | ) | 0.16 | – | | 23 |
| 24 | 0.29) | 0.32 | 0.14 | ) | – | – | – | – | 0.18 | 0.63) | T | ) | | 24 |
| 25 | 0.01 | 0.47 | ) | – ) | T | – | 0.03) | – | ) | 0.03 | T | ) | | 25 |
| 26 | – | 0.33 | ) | – | 0.40 | ) | – | 0.22 | 0.08) | – | – | ) | | 26 |
| 27 | – | ) | ) | 0.14 | – | – ) | – | – | – | 0.54 | ) | 0.16 | | 27 |
| 28 | – | 0.57) | ) | – | – | 0.02 | – | ) | – | 0.15 | – ) | 0.01 | | 28 |
| 29 | 0.02 | | 0.09) | – | – ) | 0.04 | – | – ) | – | 0.13 | 0.16 | – | | 29 |
| 30 | ) | × | – | – | – ) | 0.39 | – | – | 0.01 | ) | 0.54 | – | | 30 |
| 31 | 0.47 | × | – | × | – | × | – | 0.06 | × | 0.26) | × | – | d | 31 |
| TOTAL | 3.49 | 7.67 | 1.77 | 3.79 | 2.27 | 174 | 2.28 | 2.84 | 1.80 | 2.21 | 2.07 | 2.46 | Year's Total 34.39 | ✓ |
| * Days with .01 in. or more. | 19 | 23 | 18 | 16 | 11 | 11 | 14 | 10 | 14 | 10 | 9 | 14 | 169 | |
| * Days with .04 in. or more. | 13 | 21 | 13 | 13 | 10 | 6 | 10 | 10 | 9 | 7 | 7 | 10 | 129 | |

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) .................................................. [P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2846

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1938.

Kept at BRADSHAWGATE, ~~-~~ BOLTON.

in the County of LANCASTER

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft - in.

" Ground " Sea Level 299 ft.

July 30th & Aug 1st estd. from nearby stns.

~~corr~~ ~~for~~ Dec 19-27 ~~snow.~~ Appro

Propose value of 1·10 ins w.s.R. Snow

~~for~~ Dec 31st. notified 9/3/39. 20.1.39.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | — | 0.02 | 0.03 | 0.04 | 0.00 | 0.72 | 0.04 | [0·30] Out of Order. | 0.00 | 0.00 | 0.20 | 0.46 | | 1 |
| 2 | 0.01 | 0.02 | 0.00 | ✓ | 0.00 | 0.49 | ✓ | 0.02 | 0.02 | 1.28 | 0.02 | 0.28 | | 2 |
| 3 | 0.00 | 0.00 | 0.00 | — 0.47 | 0.00 | 0.02 | 0.07 | 0.00 | 0.20 | 1.30 | 0.22 | — | | 3 |
| 4 | 0.00 | 0.00 | 0.00 | 0.24 | 0.00 | ✓ | 0.08 | 0.08 | ✓ | 0.26 | 0.07 | 1.03 | | 4 |
| 5 | 0.05 | — | 0.00 | 0.00 | 0.00 | ✓ | 0.04 | 0.27 | 0.10 | 1.07 | | 0.02 | | 5 |
| 6 | 0.23 | 0.02 | 0.00 | 0.00 | 0.00 | 0.19 | 0.43 | ✓ | 0.70 | 0.37 | 0.00 | 0.07 | | 6 |
| 7 | 0.35 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.57 | 0.02 | 0.07 | 0.25 | 0.00 | 0.00 | | 7 |
| 8 | ✓ | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.50 | 0.02 | 0.00 | ✓ | 0.00 | 0.31 | | 8 |
| 9 | 0.69 | 0.45 | 0.41 | | 0.00 | 0.37 | ✓ | 0.01 | 0.00 | 0.96 | 0.00 | 0.15 | | 9 |
| 10 | 0.02 | 0.05 | 0.07 | 0.00 | 0.00 | 0.00 | 0.71 | 0.00 | ✓ | 0.12 | 0.00 | ✓ | | 10 |
| 11 | 0.19 | 0.16 | 0.00 | 0.00 | 0.00 | ✓ | 0.06 | 1.32 | 0.05 | 0.26 | 0.09 | 0.18 | | 11 |
| 12 | 0.25 | — | | 0.00 | 0.25 | 0.02 | 0.00 | 0.00 | 0.00 | 1.44 | ✓ | 0.00 | | 12 |
| 13 | 0.02 | 0.02 | 0.00 | 0.00 | 0.05 | 0.00 | 0.08 | | 0.09 | 0.08 | 0.60 | 0.23 | | 13 |
| 14 | 0.25 | 0.01 | 0.00 | | - ✓ | 0.00 | 0.06 | 0.00 | 0.09 | 0.00 | 0.02 | 0.00 | | 14 |
| 15 | ✓ | 0.00 | 0.00 | | 0.21 | 0.00 | 0.44 | 0.30 | 0.00 | ✓ | 0.00 | 0.10 | | 15 |
| 16 | 0.56 | 0.00 | 0.05 | | 0.34 | 0.00 | ✓ | 0.08 | 0.05 | 0.08 | 0.20 | 0.05 | | 16 |
| 17 | 0.01 | 0.00 | 0.00 | | 0.80 | 0.00 | 0.15 | 0.17 | ✓ | 0.53 | 0.02 | ✓ | | 17 |
| 18 | 0.08 | 0.00 | 0.00 | 0.00 | 0.05 | ✓ | 0.00 | 0.52 | 0.14 | 0.38 | 0.33 | 0.07 | | 18 |
| 19 | 0.00 | — | — | 0.00 | 0.00 | 0.02 | 0.00 | 0.20 | 0.06 | 0.00 | ✓ | 0.00 ✓ | | 19 |
| 20 | 0.37 | 0.00 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | ✓ | 0.07 | 0.00 | 0.38 | 0.00 ✓ | | 20 |
| 21 | 0.00 | 0.00 | 0.01 | 0.00 | - | 0.00 | 0.00 | 0.17 | 0.09 | 0.00 | 0.05 | 0.00 | | 21 |
| 22 | — | 0.00 | 0.00 | 0.00 | 0.02 | 0.29 | 0.00 | 0.00 | 0.00 | | 0.43 | 0.23 | | 22 |
| 23 | T | 0.00 | 0.00 | | 0.23 | 0.00 | — | 0.01 | 0.09 | 0.00 | 0.77 | 0.00 | | 23 |
| 24 | 0.32 | 0.15 | 0.16 | 0.00 | 0.07 | 0.40 | 0.05 | 0.41 | | 0.05 | 0.22 | ·60 | | 24 |
| 25 | 0.06 | 0.35 | 0.00 | 0.00 | 0.03 | ✓ | 0.25 | 0.00 | 0.00 | 0.52 | 0.54 | 4 | | 25 |
| 26 | 0.32 | - ✓ | ✓ | 0.00 | 0.18 | 0.20 | 0.00 | 0.00 | 0.05 | 0.41 | ✓ | 4 | | 26 |
| 27 | 0.72 | 0.55 | 0.53 | 0.00 | 0.49 | 0.53 | 0.13 | ✓ | 0.05 | 0.02 | 0.58 | 0.~~29~~ | | 27 |
| 28 | 0.19 | 0.00 | 0.21 | 0.00 | ✓ | ✓ | 0.14 | 0.24 | 0.08 | 0.03 | 0.00 | 0.12 | | 28 |
| 29 | ✓ | | 0.13 | 0.00 | 1.57 | 0.84 | 0.32 | 0.00 | 0.00 | ✓ | 0.08 | 0.65 | | 29 |
| 30 | 0.62 | ✕ | 0.00 | | 0.12 | 0.14 | [·05] Out | 0.00 | 0.59 | 0.15 | 0.20 | 0.10 ? | | 30 |
| 31 | 0.22 | ✕ | 0.07 | ✕ | 0.42 | ✕ | of — order | 0.00 | ✕ | 0.52 | ✕ | 1.10 | | 31 "d" |
| TOTAL | 5.53 | 1.83 | 1.71 | 0.75 | 4.83 | 4.14 | [4·17] ~~4.12~~ | [4·14] ~~3.84~~ | 2.59 | 10.08 | 5.02 | (5·52) ~~4.14~~ | Year's Total ~~48.58~~ | 50·31 ~~49·96~~ |
| *Days with ·01 in. or more. | ~~21~~ 24 | ~~12~~ 13 | ~~11~~ 12 | 3 ✓ | ~~15~~ 17 | 18 ~~13~~ | 22 ~~18~~ | 20 ~~16~~ | 20 ~~18~~ | ~~21~~ 24 | 22 ~~19~~ | 17 | (184) | |
| *Days with ·04 in. or more. | ~~17~~ 20 | ~~6~~ 7 | 9 ✓ | 3 ✓ | ~~13~~ 14 | 14 ~~10~~ | 22 ~~18~~ | 14 ~~11~~ | 17 ✓ | ~~19~~ 21 | ~~16~~ 18 | 15 | (154) | |

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*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) ............ [P.T.O.

**Section** A for the entry of Daily Observations.

2824

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1939.

*Kept at* BRADSHAWGATE - BOLTON

*in the County of* LANCASTER

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. - in.

,, Ground ,, Sea Level 299 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ) | 0.00 | 0.10. | - ) | 0.00 | 0.00 | - | 0.02 | 0.01 | 0.01) | 0.00 | 0.20 | 1 |
| 2 | 1.48) | 0.00 | 0.01 | .45 ) | 0.00 | 0.00 | 0.42 | 0.73 | - ) | 0.00 | 0.13. | ) | 2 |
| 3 | 0.00 | 0.00 | 0.00 | 0.10 | 0.00 | - | 0.35 | 0.07 | 0.73) | 0.00 | 0.04 | 1.11) | 3 |
| 4 | 0.00 | — ) | 0.36 ) | 0.30 | 0.15 | 0.00 | 0.15 | 0.00) | 0.00 | 0.02 | ) | 0.85 | 4 |
| 5 | 0.00 | T | — | 0.01 | 0.34 | 0.00 | 0.26 | ) | 0.00 | 0.17. | 0.33) | 0.00 | 5 |
| 6 | 1.36 | 0.24 | 0.00 | — | ) | 0.00 | 0.20 | ) | 0.00 | 0.00. | 0.06 | 0.53 | 6 |
| 7 | ) | 0.20 | 0.030. | — | 0.04) | 0.00 | 0.09 | 0.12) | 0.00 | ) | 0.18 | 0.36 | 7 |
| 8 | 0.04 | 0.10 | 0.33 | Easter Holidays — | 0.00 | 0.00 | - | 0.00 | 0.00 | 0.27) | 0.36 | 0.00 | 8 |
| 9 | 0.03 | 0.45 | 0.00 | | 0.00 | 0.00 | 0.55 | 0.70 | - ) | 0.30 | 0.07 | ) | 9 |
| 10 | 0.43 | 0.00 | 0.06 | 0.04 | 0.00 | | 0.00 | 0.01 | 0.33) | 0.24 | 0.02 | 0.72 | 10 |
| 11 | 0.54 | ) | | 0.00 | 0.00 | 0.43. | 0.00 | 0.00) | 0.01 | 0.01. | ) | 0.01 | 11 |
| 12 | 0.53 | 0.15) | 0.25) | 0.00 | 0.00 | 0.03 | 0.00 | 0.00) | 0.00 | 0.00 | 0.02) | 0.00 | 12 |
| 13 | 0.00 | 0.00 | 0.02. | 0.25 | ) | 0.33 | 0.21 | — ) | 0.05 | 0.03 | T | 0.00 | 13 |
| 14 | ) | 0.00 | 0.01. | 0.00 | 0.41) | 0.49 | 0.00 | 0.00 | 0.00 | — ) | 0.26 | 0.00 | 14 |
| 15 | 0.72 | 0.04 | 0.00 | ) | 0.02 | 0.60 | - | 0.00 | 0.00 | 0.00) | 0.13 | 0.00 | 15 |
| 16 | 0.07 | 0.00 | 0.06 | 0.99) | 0.18 | 0.38 | 0.68 | 0.00 | 0.00) | 0.13 | 0.15 | — ) | 16 |
| 17 | 0,91 | 0.37 | 0.00 | 0.00 | 0.14 | | 0.00 | 0.00 | 0.00) | 0.42 | 0.08 | 0.00 | 17 |
| 18 | 0.07 | ) | ) | 0.00 | 0.02 | 0.17 | 0.18 | 0.00 | 0.00 | 0.01 | ) | 0.00 | 18 |
| 19 | 0.00 | 0.34) | 0.02) | 0.00 | 0.00 | 0.01 | 0.27 | — ) | 0.00 | 0.00 | 0.88) | 0.00 | 19 |
| 20 | 0.00 | 0.01 | 0.04 | 0.00 | — ) | 0.03 | 0.13 | 0.08) | 0.00 | 0.00 | 0.01. | 0.00 | 20 |
| 21 | ) | 0.05 | 0.60 | 0.14 | 0.01) | 0.00 | 0.06 | 0.24 | 0.03 | ) | 0.00 | 0.00 | 21 |
| 22 | 0.54) | 0.32 | 0.20. | ) | 0.00 | 0.00 | 0.00 | 0.01 | 0.60 | 0.02 | 0.75 | 0.00 | 22 |
| 23 | 0.02 | 0.35 | 0.00 | 0.52) | 0.00 | 0.00 | 0.02 | 0.00 | ) | 0.60 | 0.21 | — ) | 23 |
| 24 | 0.00 | 0.21 | 0.00 | 0.00 | 0.00 | - | 0.04 | 0.00 | 0.00 | 0.02 | 0.02 | ) | 24 |
| 25 | 0.07 | ) | — ) | 0.02 | 0.00 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | ) | — ) | 25 |
| 26 | 0.01 | 0.11) | 0.00) | 0.00 | 0.00 | 0.00 | 0.00 | ) | 0.00 | 0.06 | 1.63) | 0.03 | 26 |
| 27 | 0.00 | 1.85 | 0.00 | 0.00 | — ) | 0.42 | 0.26 | 0.41) | 0.00 | 0.00 | 0.22 | 0.00 | 27 |
| 28 | — ) | 0.12 | 0.01 | 0.00 | — ) | 0.45 | 0.80 | 0.00 | 0.00 | ) | 0.90 | 0.06 | 28 |
| 29 | 0.00 | | 0.00 | 0.00 | 0.00) | 0.00 | - | 0.00 | 0.00 | 0.07) | 0.11 | 0.00 | 29 |
| 30 | 0.00 | × | 0.02 | 0.00 | 0.00 | 0.04 | 1.72 | 0.00 | - ) | 0.00 | 0.34 | ) | 30 |
| 31 | 0.00 | × | 0.00 | × | 0.00 | × | .05 | 0.00 | × ) | T | × | 0.00 | 31 |
| TOTAL | 6.82 | 4.91 | 2.12 | 2.82 | 1.31 | 3.42 | 6.44 | 2.39 | 1.76 | 2.38 | 6.91 | 3.87 | YEAR'S TOTAL 45.15 |
| *Days with ·01 in. or more. | ~~15~~ 20 | ~~16~~ 19 | ~~16~~ 17 | ~~10~~ 13 | 11 8 | 14 ~~13~~ | 19 | ~~10~~ 12 | 8 10 | 16 | 27 ~~23~~ | ~~9~~ 12 | ~~165~~ 190 |
| *Days with ·04 in. or more. | ~~12~~ 16 | ~~15~~ 16 | 9 9 | 8 11 | 6 | 11 ~~10~~ 11 | 18 | ~~7~~ 8 | 4 7 | 9 | 21 ~~19~~ | ~~8~~ 9 | ~~124~~ 140 |

40-9999

DISTRICT ENGINEER'S OFFICE, EXCHANGE STATION, MANCHESTER.

*See Instruction 2 (*f*) on other side.

(*Signed*)

[P.T.O.

## COPY FOR OFFICIAL USE

Station No. 2846

Section **A** for the entry of Daily Observations

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

Form 1090

# REGISTER OF RAINFALL IN 19~~3~~40

2840
2841
2848
2849

Kept at Bradshawgate Bolton
in the County of Lancaster
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. – in.
,, Ground ,, Sea Level 299 ft.

Jan esta dpl apport. with Feb 6th

Copy by B.R.O.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | - | - | - | ·23 | - | - | ·01 | - | ~~·07~~ ·01 | - | ·45 | ·25 | Bracket with 30/11/40 | 1 |
| 2 | - | - | - | ·29 | - | - | ·14 | - | - | - | x | ·34 | | 2 |
| 3 | - | x | - | ·40 | - | - | ·54 | - | - | ·03 | x ·55 | ·13 | | 3 |
| 4 | - | x | - | ·02 | - | - | ·14 | - | - | ·17 | ·17 | ·34 | | 4 |
| 5 | - | - x | - | - | x ·08 | - | ·03 | - | - | x | ·06 | ·41 | | 5 |
| 6 | x | (·56) ~~1·56~~ | - | - | - | - | x | - | - | x 1·00 | ·02 | ·08 | | 6 |
| 7 | x ·16 | ·08 | - | x ·27 | ·04 | - | ✓ ·16 | ·13 | x | ·04 | - | - | | 7 |
| 8 | ·02 | - | ·04 | ·05 | - | - | - | ·01 | ·20 | ·27 | ·07 | x ·39 | | 8 |
| 9 | - | - | x | - | - | - | ·88 | ·12 | ·32 | ·56 | x | ·39 | | 9 |
| 10 | - | - | x ·30 | - | - | - | ·35 | x | - | ·19 | x 2·14 | ·59 | | 10 |
| 11 | - | - | ·11 | ·21 | - | ·02 | ·08 | ·27 | - | - | 1·59 | - | | 11 |
| 12 | - | - | ·35 | - | - | ·07 | ·10 | ·07 | ·38 | - | ·37 | - | | 12 |
| 13 | - | ·02 | ·16 | - | - | - | - | ·07 | ·59 | - | ·06 | ·04 | | 13 |
| 14 | - | ·05 | ·01 | x ·33 | ·16 | - | x ·05 | ·17 | x | - | ·21 | x | | 14 |
| 15 | - | - | ·03 | ·35 | ·01 | ✓ x | - | - | x ·30 | - | ·08 | ✓ ·47 | | 15 |
| 16 | ·02 | x | x | ·08 | - | - ·02 | ·16 | - | 1·25 | ·38 | x | ·04 | | 16 |
| 17 | - | - | x ·72 | - | ·28 | - | ·97 | - | ·14 | - | x ·53 | ·15 | | 17 |
| 18 | - | x ·35 | ·11 | ·25 | - | - | ·02 | x ·55 | ·23 | - | - | ·01 | | 18 |
| 19 | - | ·27 | ·23 | ·12 | - | - | ·08 | - | ·40 | - | ·34 | ·36 | | 19 |
| 20 | - | ·01 | - | x | - | - | x | ·34 | ·12 | - x ·25 | ·08 | - | | 20 |
| 21 | ·03 | - | x | ·20 | - | ·37 | x ·30 | ·05 | - | - | ·63 | - | | 21 |
| 22 | - | ·02 | x Easter Holiday | - | ·16 | x | - | ·12 | x ·25 | - | - | - | | 22 |
| 23 | - | ·18 | | ·13 | ·13 | - ·07 | ·12 | - | ·08 | - | x | - | | 23 |
| 24 | ·53 ✓ | ✓ | - | - | ·01 | - | - | - | - | - | - ·20 | - | | 24 |
| 25 | - ✓ | - ·02 | - ·31 | - | ✓ | ·12 | ·04 | - | - | - | - | ·02 | | 25 |
| 26 | - x | ·22 | ·01 | - | - ·01 | ·02 | ·33 | ·01 | - | - | ·08 | - | | 26 |
| 27 | x (2·20) | ·75 | - | x | ·01 | - | x | - | ·01 | - | ·08 | - | | 27 |
| 28 | No reading taken | x ·15 | - | - ·14 | ·09 | - | - ·20 | ·14 | - | - | - | - | | 28 |
| 29 | x | - | ·45 | - | - | x | ·12 | - | - | ·03 | - | x 1·02 | | 29 |
| 30 | - | ✕ | - | - | - | - ·30 | - | - | - | ·43 | See Dec 1st | ·31 | | 30 |
| 31 | SNOW | ✕ | x ·10 | ✕ | ·05 | ✕ | - | See (·06) Sept 1 | ✕ | ·77 | ✕ | - | | 31 |
| TOTAL | ~~·76~~ 2·96 | ~~3·68~~ 2·68 | 2·93 | 3·07 | 1·03 | ·99 | 4·82 | ~~2·05~~ 2·11 | ~~4·34~~ 4·28 | 4·12 | 7·71 | 5·34 | Year's Total ~~40·84~~ | 42·04 |
| * Days with .01 in. or more. | 12 | 17 ~~18~~ | 18 ~~14~~ | 16 ~~15~~ | 12 | 8 | 23 ~~21~~ | 14 ~~13~~ | 15 ~~14~~ | 13 ~~12~~ | 22 ~~19~~ | 19 ~~18~~ | (189) | "d" |
| * Days with .04 in. or more. | 8 | 13 ~~9~~ | 14 ~~4~~ | 14 | 8 | 5 | 19 ~~18~~ | 12 ~~11~~ | 13 ~~13~~ | 11 ~~10~~ | 21 ~~18~~ | 16 | (154) | |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(Signed) ............................................ [P.T.O.

2847

Section **A** for the ent
AIR MINI
REG

COPY FOR OFFICIAL USE.
LL ORGANIZATION.

FORM 1090.

2847 —

HEATON RES

1931 - 40

780501

*Kept at* Hea

*in the County of* La

Diameter of Funnel of Gauge.
Height of top of Gauge above C
,, Ground ,, §

**THE MORNING ME** Y.

*An observer who does not confor* *following*
*year in the space on the right*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | 0·16 | – | – | 0·05 | – | – | – | – | 0·02 | 0·13 | – | – | 1 |
| 2 | 0·04 | 0·09 | – | 0·58 | 0·02 | 1·01 | – | – | 1·06 | 0·08 | 0·02 | 0·02 | 2 |
| 3 | 0·01 | – | – | 0·04 | – | 0·20 | 0·29 | – | 0·38 | – | 0·94 | 0·27 | 3 |
| 4 | 0·01 | 0·01 | – | 0·40 | – | – | 0·10 | 0·04 | 0·55 | 0·05 | 0·17 | 0·33 | 4 |
| 5 | – | 0·14 | – | – | 0·11 | 0·96 | 0·16 | 0·94 | 0·15 | – | 0·01 | 0·32 | 5 |
| 6 | – | 0·27 | – | 0·02 | 0·03 | 0·44 | 0·07 | 0·06 | 0·25 | 0·57 | 0·29 | 0·02 | 6 |
| 7 | – | – | – | – | – | 0·58 | – | 0·34 | – | 0·37 | 0·07 | 0·10 | 7 |
| 8 | 0·10 | 0·19 | – | 0·09 | – | – | 0·16 | 0·50 | – | 0·03 | 0·~~[illegible]~~ ·21 | 0·~~[illegible]~~ ·01 | 8 |
| 9 | 0·02 | 0·56 | 0·02 | 0·22 | 0·02 | 0·04 | – | 0·33 | 0·09 | 0·05 | 0·24 | 0·23 | 9 |
| 10 | 0·07 | 0·11 | – | – | 0·18 | 0·91 | – | 0·32 | 0·12 | – | 0·35 | 0·04 | 10 |
| 11 | 0·69 | 0·67 | – | 0·10 | – | 0·03 | 0·16 | 0·02 | 0·45 | – | 0·63 | 0·05 | 11 |
| 12 | 0·04 | 0·32 | – | 0·03 | – | 0·02 | 0·18 | 0·06 | 0·~~[illegible]~~ 21 | 0·27 | 0·34 | 0·01 | 12 |
| 13 | 0·05 | – | 0·22 | – | 0·12 | 0·02 | 0·15 | 0·06 | – | – | – | – | 13 |
| 14 | 0·11 | 0·16 | – | 0·02 | 0·~~[illegible]~~ ·01 | 1·29 | 0·19 | 0·88 | 0·04 | – | 0·~~[illegible]~~ ·61 | 0·03 | 14 |
| 15 | 0·41 | 0·32 | – | 0·30 | 0·09 | – | 0·10 | 0·30 | 0·01 | – | – | 0·08 | 15 |
| 16 | 0·36 | 0·18 | – | 0·36 | 0·~~[illegible]~~ ·21 | 0·13 | 0·07 | 0·82 | 0·29 | – | – | – | 16 |
| 17 | 0·13 | 0·03 | – | 0·14 | 0·21 | 0·~~[illegible]~~ ·01 | 0·59 | 0·42 | 0·11 | – | 0·13 | – | 17 |
| 18 | 0·54 | – | – | 0·03 | – | 0·44 | 0·59 | 0·76 | 0·01 | – | 0·74 | – | 18 |
| 19 | 0·36 | 0·27 | – | 0·~~[illegible]~~ ·01 | – | – | 0·15 | 1·31 | – | 0·03 | – | 0·~~[illegible]~~ ·01 | 19 |
| 20 | 0·07 | 0·19 | 0·05 | – | – | 0·~~[illegible]~~ ·21 | 0·05 | 0·08 | – | – | 0·08 | – | 20 |
| 21 | 0·53 | 0·06 | 0·19 | – | 0·09 | 0·05 | 0·02 | 0·18 | – | – | 0·02 | – | 21 |
| 22 | 0·27 | 0·07 | – | 0·04 | 0·14 | 0·04 | 0·04 | – | – | – | 0·09 | – | 22 |
| 23 | 0·27 | – | – | 0·17 | 0·25 | 0·29 | 0·13 | – | – | – | 0·76 | 0·35 | 23 |
| 24 | 0·07 | 0·36 | – | 0·09 | 0·72 | – | 0·07 | – | – | – | 0·10 | 0·12 | 24 |
| 25 | 0·46 | 0·79 | – | 0·24 | 0·06 | – | 0·02 | – | – | – | 0·05 | 0·23 | 25 |
| 26 | 0·02 | 0·26 | – | 0·66 | – | – | 0·~~[illegible]~~ ·01 | – | – | – | 0·77 | 0·09 | 26 |
| 27 | 0·~~[illegible]~~ ·52 | 0·13 | – | 0·12 | 0·15 | – | 0·30 | – | – | 0·71 | 1·30 | 0·02 | 27 |
| 28 | 0·74 | 0·41 | – | 0·07 | 0·33 | 0·02 | 0·19 | – | 0·09 | – | – | 0·13 | 28 |
| 29 | 0·32 | ✕ | – | – | 0·10 | – | 0·08 | – | – | 0·81 | 0·02 | – | 29 |
| 30 | – | ✕ | – | 0·02 | – | – | – | – | 0·~~[illegible]~~ ·21 | – | 0·~~[illegible]~~ ·01 | – | 30 |
| 31 | 0·36 | ✕ | – | ✕ | – | ✕ | 0·13 | – | ✕ | 0·03 | ✕ | 0·07 | 31 |
| TOTAL | 6·73 | 5·59 | 0·48 | 3·80 | 2·84 | 6·69 | 4·00 | 6·82 | 4·02 | 3·10 | 7·85 | 2·53 | YEAR'S TOTAL<br>54·45 |
| *Days with ·01 in. or more. | 27 | 22 | 4 | 23 | 18 | 19 | 25 | 18 | 17 | 12 | 24 | 21 | 230 |
| *Days with ·04 in. or more. | 23 | 20 | 3 | 17 | 14 | 14 | 22 | 17 | 14 | 9 | 19 | 14 | 186 |

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) John P. Ainsworth [P.T.O.

2847

**Section** **A** for the ent

COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1931.

*Kept at* Heaton

*in the County of* Lancashire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. " in.

,, Ground ,, Sea Level 500 ft.

WATERWORKS ENGINEER
15 JAN. 1932
REF.
BOLTON

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | 0·16 | – | – | 0·05 | – | – | – | – | 0·02 | 0·13 | – | – | 1 |
| 2 | 0·04 | 0·09 | – | 0·58 | 0·02 | 1·01 | – | – | 1·06 | 0·08 | 0·02 | 0·02 | 2 |
| 3 | 0·01 | – | – | 0·04 | – | 0·20 | 0·29 | – | 0·38 | – | 0·94 | 0·27 | 3 |
| 4 | 0·01 | 0·01 | – | 0·40 | – | – | 0·10 | 0·04 | 0·55 | 0·05 | 0·17 | 0·33 | 4 |
| 5 | – | 0·14 | – | – | 0·11 | 0·96 | 0·16 | 0·94 | 0·13 | – | 0·01 | 0·32 | 5 |
| 6 | – | 0·27 | – | 0·02 | 0·03 | 0·44 | 0·07 | 0·06 | 0·25 | 0·57 | 0·29 | 0·02 | 6 |
| 7 | – | – | – | – | – | 0·58 | – | 0·34 | – | 0·37 | 0·07 | 0·10 | 7 |
| 8 | 0·10 | 0·19 | – | 0·09 | – | – | 0·16 | 0·50 | – | 0·03 | 0·21 | 0·01 | 8 |
| 9 | 0·02 | 0·56 | 0·02 | 0·22 | 0·02 | 0·04 | – | 0·33 | 0·09 | 0·05 | 0·24 | 0·23 | 9 |
| 10 | 0·07 | 0·11 | – | – | 0·18 | 0·91 | – | 0·32 | 0·12 | – | 0·35 | 0·04 | 10 |
| 11 | 0·69 | 0·67 | – | 0·10 | – | 0·03 | 0·16 | 0·02 | 0·45 | – | 0·63 | 0·05 | 11 |
| 12 | 0·04 | 0·32 | – | 0·03 | – | 0·02 | 0·18 | 0·06 | 0·21 | 0·27 | 0·24 | 0·01 | 12 |
| 13 | 0·05 | – | 0·22 | – | 0·12 | 0·02 | 0·15 | 0·06 | – | – | – | – | 13 |
| 14 | 0·11 | 0·16 | – | 0·02 | 0·01 | 1·29 | 0·19 | 0·88 | 0·04 | – | 0·61 | 0·03 | 14 |
| 15 | 0·41 | 0·32 | – | 0·30 | 0·09 | – | 0·10 | 0·30 | 0·01 | – | – | 0·08 | 15 |
| 16 | 0·36 | 0·18 | – | 0·36 | 0·21 | 0·13 | 0·07 | 0·82 | 0·29 | – | – | – | 16 |
| 17 | 0·13 | 0·03 | – | 0·14 | 0·21 | 0·01 | 0·59 | 0·42 | 0·11 | – | 0·13 | – | 17 |
| 18 | 0·54 | – | – | 0·03 | – | 0·44 | 0·59 | 0·16 | 0·01 | – | 0·74 | – | 18 |
| 19 | 0·36 | 0·27 | – | 0·01 | – | – | 0·15 | 0·31 | – | 0·03 | – | 0·01 | 19 |
| 20 | 0·07 | 0·19 | 0·05 | – | – | 0·21 | 0·05 | 0·08 | – | – | 0·08 | – | 20 |
| 21 | 0·53 | 0·06 | 0·19 | – | 0·09 | 0·05 | 0·02 | 0·18 | – | – | 0·02 | – | 21 |
| 22 | 0·27 | 0·07 | – | 0·04 | 0·14 | 0·04 | 0·04 | – | – | – | 0·09 | – | 22 |
| 23 | 0·27 | – | – | 0·17 | 0·25 | 0·29 | 0·13 | – | – | – | 0·76 | 0·35 | 23 |
| 24 | 0·07 | 0·36 | – | 0·09 | 0·72 | – | 0·07 | – | – | – | 0·10 | 0·12 | 24 |
| 25 | 0·46 | 0·79 | – | 0·24 | 0·06 | – | 0·02 | – | – | – | 0·05 | 0·23 | 25 |
| 26 | 0·02 | 0·26 | – | 0·66 | – | – | 0·01 | – | – | – | 0·77 | 0·09 | 26 |
| 27 | 0·52 | 0·13 | – | 0·12 | 0·15 | – | 0·30 | – | – | 0·71 | 1·30 | 0·02 | 27 |
| 28 | 0·74 | 0·41 | – | 0·07 | 0·33 | 0·02 | 0·19 | – | 0·09 | – | – | 0·13 | 28 |
| 29 | 0·32 | X | – | – | 0·10 | – | 0·08 | – | – | 0·81 | 0·02 | – | 29 |
| 30 | – | X | – | 0·02 | – | – | – | – | 0·21 | – | 0·01 | – | 30 |
| 31 | 0·36 | X | – | X | – | X | 0·13 | – | X | 0·03 | X | 0·07 | 31 |
| TOTAL | 6·73 | 5·59 | 0·48 | 3·80 | 2·84 | 6·69 | 4·00 | 6·82 | 4·02 | 3·10 | 7·85 | 2·53 | YEAR'S TOTAL 54·45 |
| *Days with ·01 in. or more. | 27 | 22 | 4 | 23 | 18 | 19 | 25 | 18 | 17 | 12 | ~~24~~ | 21 | 230 |
| *Days with ·04 in. or more. | 23 | 20 | 3 | 17 | 14 | 14 | 22 | 17 | 14 | 9 | 19 | 14 | 186 |

40-9999

*See Instruction 2 (*f*) on other side.

(Signed) John P. Ainsworth

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No 2847

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1932.

*Kept at* HEATON

*in the County of* Lancaster

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft - in.

,, Ground ,, Sea Level 500 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | 0.13 | 0.02 | -- | 0.35 | 0.04 | -- | 0.08 | -- | 0.49 | 0.26 | 0.13 | 0.05 | 1 |
| 2 | 1.12 | -- | -- | -- | 0.23 | -- | 0.03 | 0.08 | 1.09 | 0.26 | 0.08 | 0.57 | 2 |
| 3 | 0.06 | -- | -- | 0.04 | -- | -- | 0.07 | 0.01 | 0.14 | -- | -- | 0.15 | 3 |
| 4 | 0.06 | -- | -- | -- | -- | -- | 0.23 | -- | 0.06 | 0.07 | 0.12 | 0.06 | 4 |
| 5 | 0.92 | -- | 0.12 | 0.29 | 0.01 | -- | -- | -- | 0.09 | -- | -- | 0.02 | 5 |
| 6 | 1.01 | -- | 0.13 | 0.34 | 0.01 | -- | -- | -- | 0.24 | -- | -- | -- | 6 |
| 7 | 0.02 | -- | 0.60 | 0.09 | -- | -- | -- | -- | 0.86 | 0.54 | -- | -- | 7 |
| 8 | -- | -- | -- | 0.13 | -- | -- | -- | -- | 0.15 | 0.58 | -- | -- | 8 |
| 9 | 0.11 | 0.02 | -- | 0.21 | 0.16 | -- | -- | -- | 0.05 | 0.04 | -- | 0.03 | 9 |
| 10 | 0.43 | 0.01 | -- | 0.07 | -- | -- | -- | -- | 0.65 | 0.46 | 0.02 | -- | 10 |
| 11 | 0.07 | -- | -- | 0.04 | 0.62 | 0.03 | 0.19 | -- | 0.19 | 0.02 | -- | -- | 11 |
| 12 | 0.26 | -- | -- | -- | 0.53 | -- | 0.13 | 0.17 | 0.03 | 0.41 | -- | -- | 12 |
| 13 | -- | 0.03 | -- | 0.06 | 0.16 | -- | 0.22 | 0.01 | 0.36 | 0.42 | -- | 0.42 | 13 |
| 14 | 0.14 | -- | -- | 0.09 | -- | -- | 0.81 | 0.16 | 0.02 | 0.21 | 0.07 | 0.01 | 14 |
| 15 | -- | -- | -- | -- | 0.83 | -- | -- | -- | -- | 0.21 | 0.07 | 0.10 | 15 |
| 16 | 0.20 | -- | -- | -- | -- | -- | 0.21 | 0.01 | -- | 0.22 | -- | 0.12 | 16 |
| 17 | -- | -- | -- | -- | -- | -- | 0.09 | 0.07 | 0.06 | 0.28 | -- | -- | 17 |
| 18 | -- | -- | -- | -- | 0.09 | -- | 0.03 | -- | 0.03 | 0.11 | 0.01 | 0.01 | 18 |
| 19 | -- | -- | -- | 0.15 | 0.07 | -- | 0.02 | -- | -- | 0.34 | -- | -- | 19 |
| 20 | -- | -- | -- | 0.18 | 0.32 | -- | 0.15 | 0.56 | -- | 0.22 | 0.16 | 0.04 | 20 |
| 21 | 0.05 | -- | 0.29 | 0.02 | 0.29 | -- | 0.05 | 0.40 | -- | 0.51 | 0.20 | 0.03 | 21 |
| 22 | 0.01 | -- | 0.30 | 0.23 | 0.04 | -- | 0.07 | -- | -- | 0.10 | 1.19 | 0.05 | 22 |
| 23 | -- | 0.02 | 0.01 | 0.02 | 0.46 | -- | 0.17 | -- | -- | 0.12 | 0.18 | 0.08 | 23 |
| 24 | 0.06 | -- | -- | -- | 0.03 | 0.08 | 0.36 | -- | 0.17 | 0.02 | 0.19 | 0.04 | 24 |
| 25 | -- | 0.03 | -- | 0.10 | 0.09 | 0.02 | 0.03 | -- | 0.14 | 1.40 | 0.25 | -- | 25 |
| 26 | -- | -- | -- | 0.09 | 0.17 | -- | 0.60 | -- | 0.16 | 0.40 | 0.09 | -- | 26 |
| 27 | -- | -- | 0.47 | 0.45 | 0.34 | 0.21 | 0.37 | -- | -- | 0.01 | 0.26 | 0.09 | 27 |
| 28 | -- | -- | 0.05 | 0.09 | 0.21 | -- | 0.37 | -- | -- | -- | 0.02 | 0.02 | 28 |
| 29 | 0.20 | -- | 0.68 | 0.51 | 0.06 | 0.12 | 0.30 | 0.21 | 0.16 | 0.97 | 0.40 | 0.14 | 29 |
| 30 | -- | X | 0.19 | -- | 0.02 | 0.29 | 0.04 | 0.01 | -- | 0.50 | 0.57 | 0.10 | 30 |
| 31 | 0.01 | X | 0.05 | X | 0.02 | X | 0.18 | -- | X | -- | X | 0.11 | 31 |
| TOTAL | 4.86 | 0.13 | 2.89 | 3.55 | 4,80 | 0.75 | 4.80 | 1.69 | 5.14 | 8.68 | 4.01 | 2.24 | YEAR'S TOTAL 43.54 |
| *Days with ·01 in. or more. | 18 | 6 | 11 | 21 | 23 | 6 | 24 | 11 | 20 | 26 | 18 | 21 | 205 |
| *Days with .04 in. or more. | 15 | 0 | 10 | 19 | 18 | 4 | 20 | 7 | 17 | 23 | 15 | 15 | 163 |

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*See Instruction 2 (*f*) on other side

(Signed)

P.T.O.

## COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2847

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1933.

*Kept at* HEATON

*in the County of* Lancashire.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. -- in.

,, Ground ,, Sea Level 500 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |  | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † |  |
| 1 | 0.02 | 0.26 | 0.10 | ~~0.53~~ | 0.03 | -- | 0.02 | 0.05 | 0.08 | -- | 0.45 | -- |  | 1 |
| 2 | 0.53 | -- | 0.23 | 0.33 | -- | 0.20 | -- | 0.20 | -- | -- | -- | -- |  | 2 |
| 3 | -- | 0.66 | 0.33 | -- | 0.51 | -- | -- | -- | -- | -- | 0.01 | -- |  | 3 |
| 4 | 0.21 | 0.06 | 0.20 | -- | 0.14 | -- | -- | -- | -- | 0.02 | 0.01 | -- |  | 4 |
| 5 | 0.15 | 0.09 | 0.04 | -- | 0.05 | -- | -- | -- | -- | -- | 0.05 | -- |  | 5 |
| 6 | -- | 0.15 | 0.05 | -- | 0.11 | -- | -- | -- | -- | -- | 0.01 | 0.02 |  | 6 |
| 7 | 0.06 | 0.50 | 0.09 | -- | 0.01 | -- | 0.18 | 0.10 | -- | 0.46 | -- | -- |  | 7 |
| 8 | 0.33 | 0.07 | 0.17 | 0.03 | 0.05 | 0.01 | 0.24 | -- | -- | -- | 0.02 | 0.05 |  | 8 |
| 9 | -- | 0.36 | -- | 0.22 | 0.09 | 0.03 | 0.70 | 0.01 | -- | 0.55 | 0.22 | 0.01 |  | 9 |
| 10 | 0.18 | 0.10 | -- | -- | 0.03 | 0.08 | 0.05 | -- | -- | 1.11 | 0.21 | -- |  | 10 |
| 11 | -- | -- | -- | 0.02 | -- | -- | 0.38 | -- | -- | 0.35 | 0.01 | 0.09 |  | 11 |
| 12 | 0.02 | 0.03 | -- | -- | -- | 0.12 | 0.27 | -- | -- | 0.27 | -- | 0.05 |  | 12 |
| 13 | -- | -- | -- | -- | 0.19 | -- | 0.28 | 0.02 | -- | 0.17 | 0.26 | -- |  | 13 |
| 14 | 0.11 | -- | 0.01 | -- | -- | -- | 0.07 | 0.12 | -- | 0.02 | 0.66 | -- |  | 14 |
| 15 | 0.15 | -- | 0.04 | -- | -- | 0.02 | 0.04 | 0.12 | -- | 0.26 | 0.29 | -- |  | 15 |
| 16 | 0.14 | 0.08 | 0.22 | 0.14 | 0.05 | 0.27 | -- | 0.01 | -- | 0.09 | 0.05 | 0.01 |  | 16 |
| 17 | 0.05 | -- | 0.71 | -- | -- | 0.99 | -- | 0.40 | 0.11 | 0.01 | 0.01 | -- |  | 17 |
| 18 | 0.04 | -- | 0.23 | -- | 0.15 | 1.34 | -- | 0.04 | -- | -- | -- | -- |  | 18 |
| 19 | -- | -- | 0.25 | -- | -- | 0.43 | 0.07 | 0.04 | 0.15 | -- | 0.09 | -- |  | 19 |
| 20 | -- | 0.31 | 0.01 | -- | 0.19 | 0.23 | -- | 0.41 | -- | -- | -- | -- |  | 20 |
| 21 | -- | 0.01 | -- | -- | -- | -- | -- | 0.47 | 0.01 | -- | -- | -- |  | 21 |
| 22 | -- | -- | -- | -- | -- | -- | -- | 0.07 | -- | 0.12 | -- | -- |  | 22 |
| 23 | -- | -- | -- | 0.40 | -- | 0.10 | -- | 0.01 | 0.05 | 0.10 | -- | -- |  | 23 |
| 24 | -- | 0.14 | -- | 0.18 | 0.16 | 0.14 | -- | -- | 0.45 | -- | -- | -- |  | 24 |
| 25 | -- | 0.65 | -- | 0.06 | -- | -- | -- | -- | 0.07 | -- | -- | 0.10 |  | 25 |
| 26 | -- | 0.57 | -- | 0.29 | -- | -- | -- | -- | 0.01 | 0.44 | -- | 0.01 |  | 26 |
| 27 | -- | 0.04 | -- | -- | 0.03 | -- | 0.01 | -- | -- | -- | -- | -- |  | 27 |
| 28 | -- | 0.02 | -- | 0.05 | -- | -- | 0.06 | 0.09 | -- | 0.09 | -- | -- |  | 28 |
| 29 | -- | X | -- | -- | -- | -- | 0.08 | 0.02 | -- | 0.02 | -- | 0.11 |  | 29 |
| 30 | 0.07 | X | 0.08 | -- | 0.09 | -- | 0.13 | -- | -- | 0.32 | -- | 0.07 |  | 30 |
| 31 | 0.36 | X | 0.10 | X | -- | X | 0.08 | 0.27 | X | 0.54 | X | 0.01 |  | 31 |
| TOTAL | 2.42 | 4.10 | 2.86 | 1.72 | 1.88 | 3.96 | 2.66 | 2.45 | 0.93 | 4.94 | 2.35 | 0.53 | Year's Total<br>30.80 |  |
| *Days with ·01 in. or more. | 15 | 18 | 17 | 10 | 16 | 13 | 16 | 18 | 8 | 18 | 15 | 11 | 175 |  |
| *Days with .04 in. or more. | 13 | 15 | 15 | 8 | 12 | 10 | 14 | 13 | 6 | 14 | 9 | 6 | 135 |  |

† Spare column, no entries required.

(Signed) John Ainsworth

[P.T.O.

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*See Instruction 2 (*f*) on other side.

9

Section **A** for the entry of Daily Observations.

COPY FOR OFFICIAL USE.

Station No. 2847

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1934.

*Kept at* HEATON

*in the County of* Lancashire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. - in.

,, Ground ,, Sea Level 500 ft.

WATERWORKS ENGINEER
-9 JAN. 1935
REF. ........
BOLTON

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | 0.31 | -- | -- | -- | -- | -- | -- | 0.05 | 0.07 | 0.04 | 0.11 | 0.40 | | 1 |
| 2 | 0.02 | 0.04 | 0.19 | -- | 0.02 | -- | -- | 0.86 | 0.03 | -- | 0.27 | 0.55 | | 2 |
| 3 | 0.15 | -- | -- | -- | -- | -- | -- | 0.04 | -- | 0.38 | 0.08 | 0.09 | | 3 |
| 4 | 0.20 | -- | 0.08 | 0.02 | 0.09 | -- | -- | 0.05 | 0.16 | 0.84 | -- | 1.12 | | 4 |
| 5 | -- | -- | 0.05 | -- | 0.17 | -- | -- | 0.55 | -- | 0.13 | -- | 0.17 | | 5 |
| 6 | -- | -- | 0.27 | 0.15 | 0.55 | 0.07 | -- | 0.56 | -- | 0.27 | -- | 0.39 | | 6 |
| 7 | 0.32 | 0.04 | 0.17 | 0.10 | -- | 0.04 | -- | -- | -- | 0.11 | 0.43 | 0.36 | | 7 |
| 8 | 0.01 | -- | -- | -- | 0.16 | 0.14 | -- | 0.03 | 0.01 | 0.10 | 0.66 | 0.01 | | 8 |
| 9 | -- | 0.06 | 0.15 | 0.01 | -- | -- | -- | 0.14 | -- | -- | 0.26 | -- | | 9 |
| 10 | -- | 0.05 | 0.47 | 0.15 | -- | -- | -- | 0.36 | -- | 0.48 | 0.01 | -- | | 10 |
| 11 | 0.01 | 0.01 | 0.04 | 0.43 | -- | -- | -- | 0.26 | -- | 0.03 | -- | 0.14 | | 11 |
| 12 | -- | -- | -- | 0.20 | -- | -- | 0.06 | 0.16 | -- | 0.24 | -- | 0.12 | | 12 |
| 13 | 0.37 | -- | -- | 0.02 | 0.07 | -- | 0.10 | -- | -- | 0.23 | -- | -- | | 13 |
| 14 | 0.27 | -- | 0.14 | -- | 0.04 | 0.02 | -- | -- | -- | 0.60 | -- | 0.08 | | 14 |
| 15 | 0.37 | -- | 0.35 | -- | 0.78 | -- | 0.03 | 0.15 | 0.17 | 0.08 | 0.01 | 0.36 | | 15 |
| 16 | 0.47 | -- | 0.18 | -- | 0.26 | -- | 0.02 | -- | -- | 0.23 | -- | 0.06 | | 16 |
| 17 | 0.29 | -- | 0.17 | 0.07 | 0.14 | -- | 0.37 | -- | 0.43 | 0.10 | -- | 0.24 | | 17 |
| 18 | 0.20 | -- | 0.21 | 0.27 | 0.60 | 0.10 | -- | 0.02 | -- | 0.01 | -- | 0.26 | | 18 |
| 19 | -- | -- | 0.23 | -- | 0.07 | 0.37 | -- | 0.01 | 0.48 | 0.25 | -- | 0.08 | | 19 |
| 20 | -- | -- | 0.05 | 0.17 | 0.29 | -- | -- | 0.02 | 0.14 | 0.13 | 0.02 | -- | | 20 |
| 21 | 0.08 | -- | 0.06 | 0.01 | 0.04 | 0.55 | -- | 0.02 | 0.08 | 0.07 | -- | -- | | 21 |
| 22 | 0.11 | -- | 0.05 | -- | 0.02 | -- | -- | 0.24 | 0.69 | 0.10 | 0.06 | -- | | 22 |
| 23 | 0.04 | -- | 0.12 | 0.44 | -- | -- | 0.58 | 0.14 | -- | 0.20 | 0.33 | 0.14 | | 23 |
| 24 | -- | 0.29 | 0.15 | 0.30 | -- | 0.04 | 0.02 | -- | 0.34 | 0.16 | -- | -- | | 24 |
| 25 | 0.09 | 0.01 | -- | 0.17 | 0.03 | 0.01 | 0.21 | -- | 0.21 | 0.19 | -- | 0.57 | | 25 |
| 26 | 0.06 | -- | 0.03 | 0.14 | -- | 0.10 | 0.19 | -- | 0.27 | 0.01 | -- | -- | | 26 |
| 27 | -- | -- | -- | 0.03 | -- | 0.26 | 0.28 | -- | -- | 0.22 | 0.10 | 0.30 | | 27 |
| 28 | -- | -- | -- | 0.05 | -- | 0.12 | 0.12 | 0.35 | -- | 0.41 | -- | 0.76 | | 28 |
| 29 | -- | × | -- | -- | -- | -- | 0.08 | 0.63 | 0.31 | 0.25 | -- | 0.10 | | 29 |
| 30 | 0.16 | × | -- | -- | -- | -- | 0.05 | 0.10 | 0.20 | 0.12 | -- | 0.02 | | 30 |
| 31 | 0.04 | × | -- | × | -- | × | 0.16 | 0.45 | × | 0.25 | × | 0.23 | | 31 |
| TOTAL | 3.57 | 0.50 | 3.16 | 2.73 | 3.33 | 1.82 | 2.27 | 5.19 | 3.59 | 6.23 | 2.34 | 6.55 | Year's Total<br>41.28 | |
| *Days with ·01 in. or more. | 20 | 7 | 20 | 18 | 16 | 12 | 14 | 22 | 15 | 29 | 12 | 23 | 208 | |
| *Days with ·04 in. or more. | 17 | 5 | 19 | 13 | 13 | 10 | 11 | 17 | 13 | 26 | 9 | 21 | 174 | |

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*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*)

[P.T.O.

Bolton W.W. Travelling Forms

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2847

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1935.

*Kept at* Bolton, Heaton Reservoir

*in the County of* S. Lancashire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. = in.

,, Ground ,, Sea Level 500 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | 1·25 | 0·56 | – | 0·10 | – | 0·13 | 0·15 | – | 0·47 | 1·03 | 0·14 | 0·12 | | 1 |
| 2 | 0·04 | 0·19 | 0·08 | – | – | 0·34 | 0·04 | – | 0·02 | 0·18 | 0·01 | 0·19 | | 2 |
| 3 | 0·15 | 0·85 | 0·21 | 0·14 | – | 0·04 | 0·24 | – | 0·41 | 0·04 | 0·07 | 0·44 | | 3 |
| 4 | – | 0·02 | 0·02 | 0·02 | – | 0·71 | – | – | 0·16 | 0·20 | – | 0·01 | | 4 |
| 5 | – | 0·44 | 0·20 | 0·28 | – | 0·48 | 0·01 | – | 0·34 | – | 0·19 | 0·43 | | 5 |
| 6 | – | – | – | 0·04 | – | 0·20 | – | – | – | – | – | – | | 6 |
| 7 | – | – | – | 0·16 | – | 0·22 | – | – | – | 0·19 | 0·25 | 0·33 | | 7 |
| 8 | – | – | – | 0·13 | – | 0·02 | – | – | – | 0·37 | 0·12 | 0·42 | | 8 |
| 9 | 0·04 | – | – | 0·24 | – | 0·03 | – | – | 0·02 | 1·78 | 0·27 | – | | 9 |
| 10 | – | 0·13 | – | 0·11 | – | 0·06 | – | – | – | 0·73 | 0·30 | – | | 10 |
| 11 | 0·36 | 0·06 | – | – | – | 0·24 | – | – | – | 0·54 | 0·05 | – | | 11 |
| 12 | 0·04 | 0·21 | – | – | – | 0·45 | – | – | 0·06 | – | – | – | | 12 |
| 13 | 0·36 | 0·07 | – | 0·19 | 0·40 | – | – | – | 0·12 | 0·10 | 0·02 | – | | 13 |
| 14 | – | – | – | 0·01 | 0·01 | 0·12 | – | – | 0·06 | – | 0·85 | 0·39 | | 14 |
| 15 | – | 0·97 | – | 0·41 | 0·06 | – | 0·01 | – | 0·29 | 0·07 | 0·07 | 0·54 | | 15 |
| 16 | – | 0·34 | 0·11 | 0·42 | 0·07 | 0·21 | 0·08 | – | 0·66 | – | 0·24 | – | | 16 |
| 17 | – | 0·01 | – | 0·30 | 0·76 | 0·23 | 0·20 | 0·10 | 0·24 | 0·12 | 0·42 | – | | 17 |
| 18 | – | 0·03 | – | 0·11 | 0·13 | 0·13 | 0·44 | – | 0·41 | 0·21 | 0·08 | – | | 18 |
| 19 | – | 0·02 | – | 0·20 | 0·14 | 0·33 | 0·22 | – | – | 0·11 | 0·28 | – | | 19 |
| 20 | 0·01 | 0·45 | – | 0·64 | – | 0·26 | 0·17 | – | – | – | ·01<br>0·[illegible] | – | | 20 |
| 21 | – | 0·14 | ·01<br>0·[illegible] | – | – | – | – | – | 1·16 | 0·13 | – | 0·30 | | 21 |
| 22 | – | 0·18 | 0·02 | – | – | – | – | – | 0·12 | – | – | – | | 22 |
| 23 | 0·02 | – | 0·79 | 0·10 | – | – | – | 0·14 | 0·04 | 0·49 | – | – | | 23 |
| 24 | 0·53 | 0·48 | 0·10 | – | – | – | – | 0·04 | 0·83 | 0·10 | – | 0·13 | | 24 |
| 25 | 0·16 | – | 0·12 | – | – | 0·54 | – | – | 0·02 | – | 0·03 | 0·04 | | 25 |
| 26 | – | – | – | – | – | – | 0·03 | 1·02 | 0·56 | 0·32 | 0·12 | 0·26 | | 26 |
| 27 | – | 0·04 | – | – | 0·06 | 0·13 | 0·32 | 0·01 | 0·19 | 1·18 | 0·41 | 0·05 | | 27 |
| 28 | 0·06 | 0·32 | – | – | – | – | – | 0·14 | 0·17 | 0·70 | 0·11 | – | | 28 |
| 29 | – | X | 0·06 | – | – | 0·02 | – | 0·12 | 0·33 | 0·31 | 0·05 | 0·07 | | 29 |
| 30 | 0·20 | X | – | – | – | 0·32 | – | 0·35 | 0·34 | 0·41 | 0·73 | 0·09 | | 30 |
| 31 | 0·08 | X | ·01<br>0·[illegible] | X | – | X | – | – | X | 0·11 | X | 0·44 | | 31 |
| TOTAL | 3·30 | 5·51 | 1·73 | 3·60 | 1·63 | 5·21 | 1·91 | 1·92 | 7·02 | 9·42 | 4·82 | 4·25 | Year's Total<br>50·32 | |
| *Days with ·01 in. or more. | 14 | 20 | 12 | 18 | 8 | 22 | 12 | 8 | 23 | 23 | 23 | 17 | 200 | |
| *Days with .04 in. or more. | 12 | 16 | 8 | 16 | 7 | 19 | 9 | 7 | 20 | 23 | 19 | 16 | 172 | |

WATERWORKS ENGINEER
17 JAN 1936
BOLTON

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*See Instruction 2 (✓) on other side.

† Spare column, no entries required.

(Signed)

[P.T.O.

36

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2847

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1936.

*Kept at* Bolton, Heaton Reservoir

*in the County of* S. Lancashire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 500 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | 0·03 | 0·12 | 0·09 | 0·21 | – | – | 0·03 | 0·44 | 0·07 | – | 0·31 | 0·35 | | 1 |
| 2 | 0·03 | 0·04 | – | 0·06 | – | 0·17 | – | 0·07 | 0·02 | – | 0·10 | 0·43 | | 2 |
| 3 | – | – | – | – | – | 0·18 | 0·11 | 0·24 | 0·76 | – | – | 0·12 | | 3 |
| 4 | 0·27 | 0·24 | 0·27 | – | – | 0·03 | – | 0·03 | 0·65 | – | 0·23 | 0·22 | | 4 |
| 5 | 0·06 | 0·09 | 0·49 | – | – | 0·01 | – | 0·29 | 0·52 | – | 0·05 | 0·31 | | 5 |
| 6 | 0·07 | – | 0·01 | – | 0·02 | 0·03 | 0·14 | 0·43 | 0·79 | – | 0·12 | – | | 6 |
| 7 | – | – | 0·16 | – | – | – | 0·04 | – | 1·03 | – | 0·22 | 0·38 | | 7 |
| 8 | 0·23 | – | 0·34 | – | – | – | – | – | 0·02 | – | 0·53 | 0·25 | | 8 |
| 9 | 0·19 | – | 0·08 | – | – | 0·07 | 0·33 | – | 0·24 | – | 1·16 | 0·01 | | 9 |
| 10 | 0·08 | – | – | – | – | – | 0·07 | – | 0·01 | – | 0·80 | – | | 10 |
| 11 | – | – | – | – | – | 0·12 | 0·75 | 0·04 | 0·08 | – | 0·51 | 0·01 | | 11 |
| 12 | – | – | – | 0·03 | 0·04 | 0·62 | 0·57 | 0·02 | 0·52 | 0·10 | 0·05 | – | | 12 |
| 13 | – | – | – | 0·01 | 0·03 | – | 0·08 | – | 0·01 | 0·25 | – | 0·22 | | 13 |
| 14 | – | – | – | 0·05 | – | 0·35 | 0·03 | 0·16 | 0·15 | 0·19 | 0·28 | 1·36 | | 14 |
| 15 | 0·26 | – | – | 0·14 | 0·18 | 0·10 | 0·03 | 0·25 | 0·05 | – | 0·37 | 0·05 | | 15 |
| 16 | 0·04 | 0·12 | 0·03 | 0·01 | 0·02 | – | 0·06 | – | – | 0·03 | 0·82 | – | | 16 |
| 17 | 0·10 | 0·48 | 0·01 | 0·04 | – | – | 0·19 | 0·21 | – | 0·35 | 0·07 | 0·12 | | 17 |
| 18 | – | – | – | 0·08 | – | 0·04 | 0·50 | 0·12 | – | 0·86 | – | – | | 18 |
| 19 | 0·24 | 0·26 | 0·01 | 0·14 | – | 0·55 | 0·10 | 0·48 | – | 0·15 | – | – | | 19 |
| 20 | 0·26 | 0·09 | 0·04 | – | – | – | 0·04 | 0·01 | – | 0·05 | – | – | | 20 |
| 21 | 0·42 | – | – | 0·11 | – | 0·06 | – | – | – | 0·19 | – | 0·01 | | 21 |
| 22 | 0·24 | 0·24 | 0·06 | – | – | 1·03 | 0·19 | – | – | 0·02 | – | 0·09 | | 22 |
| 23 | – | 0·07 | 0·10 | 0·27 | – | 0·01 | 1·10 | – | – | 0·05 | – | 0·01 | | 23 |
| 24 | 0·18 | – | – | 0·06 | 0·09 | – | – | – | 0·16 | 0·48 | – | 0·04 | | 24 |
| 25 | 0·39 | – | – | 0·01 | – | – | 0·08 | – | 0·49 | 0·43 | 0·02 | 0·03 | | 25 |
| 26 | 0·03 | 0·25 | 0·06 | 0·03 | – | – | 0·06 | – | 0·25 | 0·67 | – | – | | 26 |
| 27 | 0·80 | 0·02 | – | – | – | – | – | – | 0·07 | 0·59 | – | – | | 27 |
| 28 | 0·30 | 0·17 | 0·11 | – | – | 0·03 | 0·11 | – | – | – | – | 0·10 | | 28 |
| 29 | 0·08 | 0·18 | 0·81 | – | 0·31 | 0·84 | – | – | – | 0·20 | 0·33 | 0·04 | | 29 |
| 30 | 0·33 | × | – | – | 0·28 | 0·07 | 0·49 | 0·01 | – | 0·46 | 0·24 | 0·04 | | 30 |
| 31 | 0·09 | × | – | × | – | × | 0·15 | 0·08 | × | – | × | 0·66 | | 31 |
| TOTAL | 4·72 | 2·37 | 2·67 | 1·25 | 0·97 | 4·31 | 5·25 | 2·88 | 5·89 | 5·07 | 6·21 | 4·85 | Year's Total. 46·44 | |
| * Days with .01 in. or more. | 23 | 14 | 16 | 15 | 8 | 18 | 23 | 16 | 19 | 17 | 18 | 22 | 209 | |
| * Days with .04 in. or more. | 20 | 13 | 12 | 10 | [illegible] | [illegible] | 20 | 12 | 15 | 15 | 17 | 17 | 169 | |

WATERWORKS ENGINEER
2 JAN 1937
BOLTON

40-9999

† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(Signed) Robert Kenworthy

[P.T.O.

36

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 2847

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1937.

*Kept at* Bolton, Heaton Reservoir

*in the County of* S. Lancashire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. — in.

,, Ground ,, Sea Level 500 ft.

TRAVELLING FORM.

VALUES FORWARDED MONTHLY

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following ✓

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | 0·02 | 0·14 | 0·13 | — | — | — | 0·09 | — | 0·25 | 0·04 | — | 0·10 | | 1 |
| 2 | 0·11 | 0·~~34~~ 24 | 0·20 | 0·19 | — | — | — | — | 0·04 | 0·02 | — | — | | 2 |
| 3 | — | 0·16 | — | 0·02 | 0·07 | 0·57 | 0·07 | — | 0·01 | — | — | 0·~~04~~ ·01 | | 3 |
| 4 | 0·~~34~~ ·31 | 0·04 | 0·01 | 0·16 | 0·22 | — | 0·~~04~~ ·01 | — | — | — | — | 0·45 | | 4 |
| 5 | 1·16 | — | 0·03 | 0·02 | 0·04 | 0·07 | 0·~~04~~ ·01 | — | 0·02 | — | — | 0·20 | | 5 |
| 6 | 0·10 | — | — | 0·18 | 0·20 | — | — | 0·26 | 0·06 | 0·02 | — | — | | 6 |
| 7 | — | 0·26 | — | 0·32 | 0·12 | 0·14 | — | — | 0·06 | — | — | — | | 7 |
| 8 | 0·02 | 0·66 | — | 0·07 | — | 0·09 | 0·08 | — | 0·01 | — | 0·05 | 0·04 | | 8 |
| 9 | 0·03 | 0·11 | 0·01 | 0·06 | 0·30 | — | 0·84 | 0·29 | — | — | — | — | | 9 |
| 10 | 0·01 | 0·22 | — | — | — | — | 0·08 | — | — | — | — | 0·26 | | 10 |
| 11 | — | 0·02 | 0·19 | — | 0·58 | — | 0·02 | — | — | — | — | — | | 11 |
| 12 | 0·04 | 0·53 | 0·21 | — | 0·02 | 0·41 | 0·09 | 0·35 | 0·40 | — | — | 0·36 | | 12 |
| 13 | — | 0·29 | — | — | — | 0·05 | — | 0·75 | 0·02 | — | — | 0·29 | | 13 |
| 14 | — | 0·10 | 0·09 | — | — | — | — | 0·39 | 0·13 | — | 0·08 | 0·26 | | 14 |
| 15 | 0·20 | 0·49 | — | 0·39 | — | — | 0·25 | — | 0·55 | — | — | 0·05 | | 15 |
| 16 | 0·11 | 0·49 | 0·16 | 0·72 | — | — | — | 0·18 | 0·03 | — | — | — | | 16 |
| 17 | 0·07 | 0·05 | 0·26 | 0·55 | — | 0·03 | — | 0·02 | 0·07 | — | — | — | | 17 |
| 18 | 0·34 | 0·40 | 0·07 | 0·22 | 0·03 | — | — | 0·37 | 0·01 | — | 0·42 | — | | 18 |
| 19 | 0·15 | 0·21 | 0·11 | 0·36 | — | 0·02 | 0·06 | 0·07 | — | — | 0·56 | — | | 19 |
| 20 | 0·02 | 0·05 | — | 0·30 | 0·21 | 0·17 | — | — | 0·01 | — | — | 0·19 | | 20 |
| 21 | — | 0·07 | 0·02 | 0·33 | 0·02 | — | 0·56 | — | — | 0·13 | — | 0·11 | | 21 |
| 22 | 0·19 | 0·12 | 0·13 | 0·04 | 0·05 | — | 0·20 | — | — | 0·41 | 0·23 | 0·14 | | 22 |
| 23 | 0·14 | — | — | — | 0·34 | — | 0·23 | — | — | 0·39 | 0·22 | 0·~~04~~ ·01 | | 23 |
| 24 | 0·06 | 0·38 | 0·16 | — | 0·02 | — | 0·07 | — | 0·39 | 0·39 | — | 0·10 | | 24 |
| 25 | 0·08 | 0·47 | — | — | — | — | 0·~~04~~ ·01 | 0·24 | 0·01 | 0·07 | — | 0·07 | | 25 |
| 26 | — | 0·33 | 0·13 | — | 0·42 | — | — | 0·02 | 0·11 | — | — | 0·04 | | 26 |
| 27 | — | 0·75 | 0·03 | 0·18 | — | — | — | — | — | 0·56 | — | 0·03 | | 27 |
| 28 | — | 0·17 | — | — | — | 0·02 | — | — | — | 0·15 | — | — | | 28 |
| 29 | — | × | — | — | — | 0·05 | — | — | — | 0·05 | 0·14 | — | | 29 |
| 30 | 0·13 | × | — | — | — | 0·41 | — | — | 0·01 | 0·10 | 0·58 | — | | 30 |
| 31 | 0·35 | × | — | × | — | × | — | 0·08 | × | 0·18 | × | — | | 31 |
| TOTAL | ✓ 3·64 | ✓ 6·~~69~~ 75 | ✓ 1·94 | ✓ 4·11 | ✓ 2·64 | ✓ 2·03 | ✓ 2·67 | ✓ 3·02 | ✓ 2·11 | ✓ 2·51 | ✓ 2·28 | ✓ 2·71 | Year's Total 36·~~35~~ 41 | |
| * Days with .01 in. or more. | 21 | 25 | 17 | 17 | 15 | 12 | 16 | 12 | 19 | 13 | 8 | 18 | 193 | |
| * Days with .04 in. or more. | 16 | 24 | 12 | 15 | 11 | 9 | 12 | 10 | 10 | 11 | 8 | 15 | 153 | |

WATERWORKS ENGINE

REC

13 JAN

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) John R. Dugworth

[P.T.O.

36

COPY FOR OFFICIAL USE

**Section** A for the entry of Daily Observations — Station No. 2847

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1

# REGISTER OF RAINFALL IN 1938.

*Kept at* Bolton, Heaton Reservoir

*in the County of* S. Lancashire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. — in.

„ Ground „ Sea Level 500 ft.

TRAVELLING FORM.

VALUES FORWARDED MONTHLY

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | — | 0·02 | — | 0·04 | — | 0·80 | 0·02 | 0·29 | — | 0·18 | 0·25 | 0·52 | | 1 |
| 2 | — | 0·02 | — | 0·33 | — | 0·41 | 0·07 | — | 0·03 | 1·09 | 0·05 | 0·29 | | 2 |
| 3 | 0·05 | — | 0·01 | — | — | 0·04 | 0·18 | — | 0·48 | 1·26 | 0·24 | 0·04 | | 3 |
| 4 | 0·03 | — | 0·02 | 0·15 | — | 0·12 | 0·12 | 0·08 | 0·01 | 0·30 | 0·08 | 0·94 | | 4 |
| 5 | 0·09 | — | — | 0·05 | — | 0·04 | 0·08 | 0·69 | 0·17 | 0·95 | — | 0·06 | | 5 |
| 6 | 0·19 | — | — | 0·01 | — | 0·06 | 0·34 | 0·01 | 0·87 | 0·35 | — | 0·07 | | 6 |
| 7 | 0·47 | 0·02 | — | — | — | — | 0·88 | 0·05 | 0·08 | 0·38 | — | 0·01 | | 7 |
| 8 | 0·48 | — | — | — | — | — | 0·67 | 0·04 | — | 0·91 | — | 0·36 | | 8 |
| 9 | 0·18 | 0·46 | 0·38 | — | — | 0·49 | 0·17 | 0·02 | — | 0·07 | — | 0·13 | | 9 |
| 10 | 0·02 | 0·10 | 0·21 | — | — | 0·05 | 0·52 | — | 0·01 | 0·14 | — | 0·14 | | 10 |
| 11 | 0·18 | 0·13 | — | — | 0·11 | 0·07 | 0·11 | 1·10 | 0·11 | 0·25 | 0·09 | 0·11 | | 11 |
| 12 | 0·20 | — | — | — | 0·25 | — | — | 0·37 | 0·02 | 1·45 | 0·45 | — | | 12 |
| 13 | 0·02 | 0·01 | — | — | 0·07 | — | 0·05 | — | 0·09 | 0·07 | 0·19 | 0·18 | | 13 |
| 14 | 0·11 | 0·02 | — | — | 0·21 | 0·04 | 0·09 | — | 0·14 | — | 0·03 | 0·02 | | 14 |
| 15 | 0·22 | — | — | — | 0·02 | 0·03 | 0·21 | 0·35 | 0·01 | 0·06 | — | 0·09 | | 15 |
| 16 | 0·33 | — | 0·09 | — | 0·16 | — | 0·15 | 0·13 | 0·04 | 0·07 | 0·14 | 0·08 | | 16 |
| 17 | — | — | — | — | 0·59 | — | 0·13 | 0·22 | 0·11 | 0·55 | 0·05 | 0·08 | | 17 |
| 18 | 0·05 | — | — | — | 0·12 | 0·05 | — | 0·58 | 0·06 | 0·45 | 0·27 | — | | 18 |
| 19 | — | — | — | — | — | 0·03 | — | 0·28 | 0·09 | 0·01 | 0·04 | 0·03 | | 19 |
| 20 | 0·31 | — | 0·05 | — | — | — | — | 0·06 | 0·11 | — | 0·41 | 0·01 | | 20 |
| 21 | 0·06 | — | 0·05 | — | — | — | — | 0·16 | 0·02 | — | 0·09 | 0·04 | | 21 |
| 22 | — | — | — | — | 0·05 | 0·25 | — | — | — | — | 0·51 | 0·05 | | 22 |
| 23 | — | — | — | — | 0·20 | 0·35 | — | — | 0·09 | — | 0·68 | 0·01 | | 23 |
| 24 | 0·18 | 0·12 | 0·24 | — | 0·11 | 0·06 | — | 0·64 | 0·02 | 0·05 | 0·20 | — | | 24 |
| 25 | 0·21 | 0·36 | 0·13 | — | 0·04 | 0·13 | 0·15 | — | — | 0·58 | 0·59 | 0·12 | | 25 |
| 26 | 0·37 | 0·36 | 0·49 | — | 0·15 | 0·24 | 0·02 | — | 0·08 | 0·54 | 0·24 | 0·29 | | 26 |
| 27 | 0·58 | 0·16 | 0·01 | — | 0·49 | 0·43 | 0·20 | 0·20 | 0·05 | — | 0·39 | 0·01 | | 27 |
| 28 | 0·15 | 0·05 | 0·20 | — | 0·05 | 0·76 | 0·17 | 0·10 | 0·07 | 0·09 | 0·05 | 0·29 | | 28 |
| 29 | 0·26 | X | 0·12 | — | 1·70 | 0·19 | 0·31 | — | 0·01 | 0·21 | 0·10 | 0·70 | | 29 |
| 30 | 0·40 | ✕ | — | — | 0·34 | 0·03 | 0·05 | — | 0·53 | 0·01 | 0·29 | 0·15 | | 30 |
| 31 | 0·18 | ✕ | 0·14 | ✕ | 0·43 | ✕ | — | — | ✕ | 0·49 | ✕ | 1·07 | | 31 |
| TOTAL | 5·32 | 1·83 | 2·14 | 0·58 | 5·09 | 4·67 | 4·69 | 5·37 | 3·30 | 10·51 | 5·43 | 5·89 | Year's Total<br>54·82 | |
| * Days with .01 in. or more. | 25 | 13 | 14 | 5 | 18 | 22 | 22 | 19 | 25 | 25 | 23 | 28 | 239 | |
| * Days with .04 in. or more. | 22 | 8 | 11 | 4 | 17 | 19 | 20 | 17 | 17 | 23 | 22 | 22 | 202 | |

WATERWORKS ENGINEER ★ BOLTON ★ 12 JAN 1939 REF.

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) John P. [illegible]

P.T.O.

36

COPY FOR OFFICIAL USE

**Section A** for the entry of Daily Observations

Station No. 2847

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1939

*Kept at* Bolton, Heaton Reservoir

*in the County of* S. Lancashire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 500 ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |  | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † |  |
| 1 | 0·59 | — | 0·09 | 0·26 | — | — | 0·05 | 0·05 | 0·02 | 0·02 | — | 0·28 |  | 1 |
| 2 | 0·12 | — | 0·01 | 0·15 | — | — | 0·44 | 0·76 | 0·82 | — | 0·10 | 0·10 |  | 2 |
| 3 | 0·09 | — | — | 0·11 | — | — | — | 0·09 | 0·17 | — | 0·06 | 0·95 |  | 3 |
| 4 | 0·15 | 0·02 | 0·29 | 0·28 | 0·10 | — | 0·28 | — | — | 0·08 | 0·05 | 0·78 |  | 4 |
| 5 | — | — | — | — | 0·45 | — | 0·20 | 0·12 | — | 0·16 | 0·30 | — |  | 5 |
| 6 | 1·12 | 0·25 | — | — | 0·13 | — | 0·45 | 0·04 | — | 0·01 | 0·10 | — |  | 6 |
| 7 | 0·20 | 0·26 | 0·03 | — | — | — | 0·12 | 0·01 | — | — | 0·11 | 0·54 |  | 7 |
| 8 | 0·31 | 0·11 | 0·40 | 0·06 | — | — | 0·63 | 0·18 | — | 0·14 | 0·29 | 0·37 |  | 8 |
| 9 | 0·10 | 0·44 | 0·01 | — | — | — | 0·06 | 0·49 | — | 0·45 | 0·09 | 0·48 |  | 9 |
| 10 | 0·11 | 0·04 | 0·06 | — | — | 0·12 | — | 0·07 | 0·40 | 0·26 | 0·02 | 0·18 |  | 10 |
| 11 | 0·36 | 0·06 | 0·28 | — | — | 0·30 | — | — | 0·02 | — | 0·02 | — |  | 11 |
| 12 | 0·21 | 0·12 | 0·01 | — | — | 0·04 | — | — | — | 0·13 | 0·02 | — |  | 12 |
| 13 | 0·01 | 0·01 | 0·07 | 0·29 | 0·16 | 0·37 | 0·30 | — | 0·16 | 0·03 | — | — |  | 13 |
| 14 | 0·73 | — | — | 0·05 | 0·24 | 0·57 | 0·35 | — | — | — | 0·29 | — |  | 14 |
| 15 | 0·19 | 0·07 | — | 1·00 | 0·05 | 0·99 | 0·12 | — | — | — | 0·12 | — |  | 15 |
| 16 | 0·10 | — | 0·18 | 0·01 | 0·30 | — | 0·22 | — | — | 0·20 | 0·16 | — |  | 16 |
| 17 | 0·76 | 0·39 | — | — | 0·26 | 0·04 | 0·01 | — | — | 0·46 | 0·11 | — |  | 17 |
| 18 | 0·14 | 0·40 | 0·08 | — | 0·01 | 0·24 | 0·16 | — | — | — | 0·82 | — |  | 18 |
| 19 | 0·26 | 0·01 | — | — | 0·01 | — | 0·40 | — | — | — | 0·02 | — |  | 19 |
| 20 | 0·08 | 0·01 | 0·07 | — | — | 0·04 | 0·12 | 0·13 | — | — | — | — |  | 20 |
| 21 | 0·18 | 0·06 | 0·59 | 0·16 | 0·03 | — | 0·14 | 0·24 | 0·06 | — | — | — |  | 21 |
| 22 | 0·17 | 0·27 | 0·26 | 0·35 | — | — | 0·07 | 0·01 | — | — | 0·72 | — |  | 22 |
| 23 | 0·05 | 0·37 | 0·04 | 0·34 | — | 0·10 | 0·03 | — | — | 0·70 | 0·24 | — |  | 23 |
| 24 | — | 0·22 | — | 0·08 | — | 0·05 | 0·06 | — | — | 0·07 | 0·02 | 0·01 |  | 24 |
| 25 | 0·09 | 0·11 | — | 0·05 | — | — | — | 0·01 | — | 0·01 | 1·20 | 0·01 |  | 25 |
| 26 | 0·01 | 0·01 | — | — | — | — | — | — | — | 0·09 | 0·31 | — |  | 26 |
| 27 | — | 1·62 | 0·03 | 0·03 | — | 0·41 | 0·10 | 0·04 | — | — | 0·22 | 0·09 |  | 27 |
| 28 | — | 0·26 | 0·11 | — | — | 0·32 | 0·79 | — | — | — | 0·92 | — |  | 28 |
| 29 | — | × | 0·02 | — | — | — | 1·67 | — | — | 0·09 | 0·13 | — |  | 29 |
| 30 | — | × | — | — | — | 0·11 | 0·16 | — | — | — | 0·30 | — |  | 30 |
| 31 | — | × | — | × | — | × | 0·11 | 0·03 | × | 0·01 | × | — |  | 31 |
| TOTAL | 6·13 | 5·11 | 2·63 | 3·22 | 1·74 | 3·70 | 7·04 | 2·27 | 1·65 | 2·95 | 6·74 | 3·79 | Year's Total<br>46·93 |  |
| * Days with .01 in. or more. | 24 | 22 | 19 | 15 | 11 | 14 | 25 | 15 | 7 | 17 | 26 | 11 | 206 |  |
| * Days with .04 in. or more. | 22 | 17 | 13 | 13 | 8 | 14 | 23 | 11 | 5 | 12 | 21 | 9 | 168 |  |

WATERWORKS ENGINEER
BOLTON
16 JAN 1940

† Spare column, no entries required.

(Signed) Robert R. Duckworth [P.T.O.

* See Instruction 3 (f) on other side.

36 Bolton W.W. T.F.

COPY FOR OFFICIAL USE

**Section A** for the entry of Daily Observations — Station No. 2847

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1940

Kept at Bolton, Heaton Reservoir

in the County of S. Lancashire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 500 ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

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Jan. 1, following

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| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | – | – | – | 0·27 | – | 0·01 | 0·01 | – | 0·01 | – | 0·47 | 0·24 | | 1 |
| 2 | – | – | – | 0·29 | – | – | 0·26 | – | – | – | 0·41 | 0·26 | | 2 |
| 3 | 0·02 | 0·07 | 0·01 | 0·43 | – | – | 0·77 | – | – | 0·03 | 0·07 | 0·22 | | 3 |
| 4 | – | 0·16 | – | – | – | – | 0·21 | – | – | 0·23 | 0·19 | 0·32 | | 4 |
| 5 | – | 0·10 | – | 0·03 | 0·16 | – | 0·08 | – | – | 0·54 | 0·04 | 0·41 | | 5 |
| 6 | 0·14 | 0·24 | – | – | – | – | 0·15 | – | – | 0·45 | 0·07 | 0·05 | | 6 |
| 7 | 0·07 | 0·23 | 0·02 | 0·28 | 0·04 | – | 0·27 | 0·16 | 0·17 | 0·05 | ·01<br>0·~~04~~ | ·01<br>0·~~01~~ | | 7 |
| 8 | 0·02 | – | 0·04 | 0·09 | – | – | – | 0·03 | – | 0·22 | 0·06 | 0·35 | | 8 |
| 9 | – | – | 0·24 | – | – | – | 0·77 | 0·07 | 0·42 | 0·61 | 1·52 | 0·42 | | 9 |
| 10 | – | – | 0·05 | – | – | – | 0·33 | 0·32 | 0·04 | 0·21 | 0·49 | 0·48 | | 10 |
| 11 | – | – | 0·13 | 0·21 | – | 0·02 | 0·06 | – | – | – | 1·44 | – | | 11 |
| 12 | – | – | 0·31 | – | – | 0·06 | 0·07 | 0·12 | 0·42 | – | 0·38 | – | | 12 |
| 13 | – | ·01<br>0·~~04~~ | 0·30 | – | – | – | – | 0·12 | 0·44 | – | 0·10 | 0·05 | | 13 |
| 14 | – | 0·03 | 0·02 | 0·36 | 0·10 | – | 0·04 | 0·19 | 0·18 | – | 0·25 | 0·41 | | 14 |
| 15 | 0·02 | – | 0·02 | 0·25 | 0·18 | 0·04 | – | – | 0·12 | – | 0·10 | 0·06 | | 15 |
| 16 | 0·03 | 0·09 | 0·15 | 0·22 | – | – | 0·19 | – | 1·17 | 0·42 | 0·05 | 0·23 | | 16 |
| 17 | – | – | 0·56 | ·01<br>0·~~04~~ | 0·53 | – | 1·16 | – | 0·17 | – | 0·52 | 0·03 | | 17 |
| 18 | 0·05 | 0·18 | 0·11 | 0·36 | – | – | 0·05 | 0·65 | 0·34 | – | 0·01 | 0·34 | | 18 |
| 19 | – | 0·27 | 0·18 | 0·02 | – | – | 0·10 | – | 0·36 | ·01<br>0·~~04~~ | 0·20 | – | | 19 |
| 20 | – | 0·01 | 0·02 | 0·31 | – | – | 0·09 | 0·36 | 0·17 | 0·28 | 0·15 | – | | 20 |
| 21 | – | – | 0·28 | 0·02 | – | 0·35 | 0·09 | 0·07 | – | 0·03 | 0·68 | – | | 21 |
| 22 | – | – | 0·06 | – | 0·18 | 0·23 | – | 0·20 | 0·23 | – | – | – | | 22 |
| 23 | 0·02 | 0·17 | 0·03 | 0·14 | 0·13 | – | 0·16 | – | 0·11 | – | 0·21 | – | | 23 |
| 24 | 0·42 | 0·02 | – | 0·01 | 0·02 | – | – | – | 0·02 | ·01<br>0·~~04~~ | 0·01 | ·01<br>0·~~04~~ | | 24 |
| 25 | 0·03 | – | – | – | 0·03 | 0·18 | – | – | – | – | – | – | | 25 |
| 26 | 0·57 | 0·24 | 0·02 | – | 0·02 | 0·04 | 0·28 | 0·03 | – | – | 0·07 | – | | 26 |
| 27 | 1·00 | 0·80 | – | 0·20 | 0·01 | – | 0·28 | – | 0·02 | – | 0·15 | 0·02 | | 27 |
| 28 | 0·50 | 0·21 | – | – | 0·05 | – | – | 0·08 | – | – | – | 0·05 | | 28 |
| 29 | – | – | 0·43 | ·01<br>0·~~04~~ | 0·01 | 0·37 | 0·10 | – | – | 0·02 | – | 0·90 | | 29 |
| 30 | – | ✕ | – | ·01<br>0·~~04~~ | – | – | – | – | – | 0·40 | 0·03 | 0·41 | | 30 |
| 31 | 0·04 | ✕ | 0·08 | ✕ | 0·11 | ✕ | – | 0·10 | ✕ | 0·76 | ✕ | 0·01 | | 31 |
| TOTAL | 2·93 | 2·83 | 3·06 | 3·52 | 1·57 | 1·30 | 5·52 | 2·50 | 4·39 | 4·27 | 7·68 | 5·28 | Year's Total 44·85 | |
| * Days with .01 in. or more. | 14 | 16 | 21 | 20 | 14 | 9 | 22 | 14 | 17 | 16 | 26 | 22 | 211 | |
| * Days with .04 in. or more. | 8 | 12 | 14 | 13 | 9 | 7 | 21 | 12 | 14 | 11 | 22 | 17 | 160 | |

*Estimated, owing to heavy fall of snow † Spare column, no entries required.

* See Instruction 3 (f) on other side.

(Signed) .................... [P.T.O.

WATERWORKS ENGINEER
1 JAN 1941
BOLTON
Ref.

FORM 1090. **B** M
S

2848

2848

BOLTON, HARPERS FARM

1931 —— 40

780501

*** The following register of mont … and also the space for
&c., is NOT required if daily
values are given on the other

## RAINFALL IN 193

egister should be sent:—

At Bolton W.W., Harpers

In the County of S. Lancas

Rain Gauge
Diameter of Funnel 5
*Height of Top above Ground* 1 *ft.*
*Height of Ground above Sea Level*

in Summer

Direction from gauge

Direction from gauge

Directions from gauge ..

| Month. | Total Depth. | Greatest Fall in 24 hours. | | | |
|---|---|---|---|---|---|
| | Inches. | Inches. | Date. | | |
| JAN. | 7·57 | | | | |
| FEB. | 5·67 | | | | |
| MAR. | ·45 | | | | |
| APRIL | 3·93 | | | | |
| MAY | 2·67 | | | | |
| JUNE | 7·34 | | | | |
| JULY | 3·87 | | | | |
| AUG. | 6·67 | | | | |
| SEPT. | 4·47 | | | | |
| OCT. | 3·42 | | | | |
| NOV. | 7·87 | | | | |
| DEC. | 2·87 | | | | |
| Total | 56·80 | | | | |

*Signature* Bolton Corporation W.W.
per J.P. Ainsworth

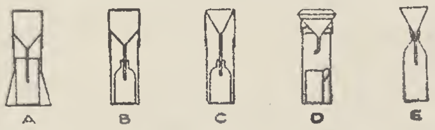
*See Instruction 2 (*f*) below.

**If gauge has been moved during the year state—**

Date of move.................... Distance.................... Direction....................

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



**If you know of any record of rainfall** not quoted in **British Rainfall**, please give the observer's name and address:—

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

## **D** INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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FORM 1090. **B** M
Summary.

**C** Particulars of Station.

2848

*,* **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

## RAINFALL IN 1931

At Bolton W.W., Harpers Farm
In the County of S. Lancashire

Rain Gauge
Diameter of Funnel 5 in.
*Height of Top above Ground* 1 *ft.* 0 *in.*
*Height of Ground above Sea Level* 872 *ft.*

| Month. | Total Depth. | Greatest Fall in 24 hours. | | Number of Days with | |
|---|---|---|---|---|---|
| | | | | ·01 in or more | ·04 in. or more |
| | Inches. | Inches. | Date. | * | * |
| JAN. | 7·57 | | | | |
| FEB. | 5·67 | | | | |
| MAR. | ·45 | | | | |
| APRIL | 3·93 | | | | |
| MAY | 2·67 | | | | |
| JUNE | 7·34 | | | | |
| JULY | 3·87 | | | | |
| AUG. | 6·67 | | | | |
| SEPT. | 4·47 | | | | |
| OCT. | 3·42 | | | | |
| NOV. | 7·87 | | | | |
| DEC. | 2·87 | | | | |
| Total | 56·80 | | | | |

*Signature* Bolton Corporation W.W.
per J.P. Ainsworth

*See Instruction 2 (*f*) below.

**Every observer is requested to fill in this section and also the space for notes as far as possible:—**

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter ..... in Summer .....

Nearest Railway Station ..... Distance ..... Direction from gauge .....

Nearest Parish Church at ..... Distance ..... Direction from gauge .....

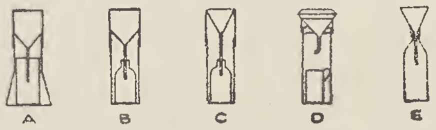
| | | | | |
|---|---|---|---|---|
| Nature of objects nearest to gauge | | | | |
| Heights of objects | | | | |
| Distances .. | | | | |
| Directions from gauge .. | | | | |

**If gauge has been moved during the year state—**

Date of move ..... Distance ..... Direction .....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



**If you know of any record of rainfall** not quoted in **British Rainfall**, please give the observer's name and address:—

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

## **D** INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at* 9 *a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 / 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02, *or* 0·3.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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FORM 1090.

2848

## B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

## RAINFALL IN 1932

At Harpers Farm

In the County of Lancs

Rain Gauge
Diameter of Funnel........................in.
*Height of Top above Ground.........ft.........in.*
*Height of Ground above Sea Level.........ft.*

| Month. | Total Depth. | Greatest Fall in 24 hours. | | Number of Days with | |
|---|---|---|---|---|---|
| | | | | ·01 in or more | ·04 in. or more |
| | Inches. | Inches. | Date. | * | * |
| JAN. | 5·37 | | | | |
| FEB. | ·07 | | | | |
| MAR. | 3·09 | | | | |
| APRIL | 3·47 | | | | |
| MAY | 4·28 | | | | |
| JUNE | ·67 | | | | |
| JULY | 4·37 | | | | |
| AUG. | 1·68 | | | | |
| SEPT. | 6·87 | | | | |
| OCT. | 9·17 | | | | |
| NOV. | 4·17 | | | | |
| DEC. | 2·37 | | | | |
| Total | 45·58 | | | | |

*Signature* Bolton Wks

*See Instruction 2 (*f*) below.

## C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter.................in Summer.................

Nearest Railway Station................. Distance................. Direction from gauge.................

Nearest Parish Church at................. Distance................. Direction from gauge.................

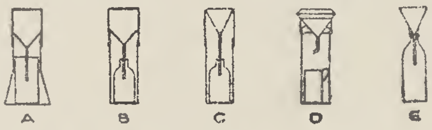
| | | | | |
|---|---|---|---|---|
| Nature of objects nearest to gauge | | | | |
| Heights of objects | | | | |
| Distances .. | | | | |
| Directions from gauge .. | | | | |

**If gauge has been moved during the year state—**

Date of move................. Distance................. Direction.................

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



**If you know of any record of rainfall** not quoted in **British Rainfall**, please give the observer's name and address:—

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Copied from printed list

Copy by B.R.O.
16 JAN. 1933

## D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

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(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

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2848

FORM 1090.

## B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

## RAINFALL IN 1933

At Bolton W.W. Harpers Farm

In the County of S. Lancashire

Rain Gauge
Diameter of Funnel 5 in.
*Height of Top above Ground* 1 *ft.* 0 *in.*
*Height of Ground above Sea Level* 872 *ft.*

| Month. | Total Depth. | Greatest Fall in 24 hours. | | Number of Days with | |
|---|---|---|---|---|---|
| | | | | ·01 in. or more | ·04 in. or more |
| | Inches | Inches | Date. | * | * |
| JAN. | 2·77 | | | | |
| FEB. | 3·78 | | | | |
| MAR. | 2·87 | | | | |
| APRIL | 1·78 | | | | |
| MAY | 2·27 | | | | |
| JUNE | 3·97 | | | | |
| JULY | 2·87 | | | | |
| AUG. | 3·18 | | | | |
| SEPT. | 1·00 | | | | |
| OCT. | 4·85 | | | | |
| NOV. | 2·78 | | | | |
| DEC. | ·56 | | | | |
| Total | 32·68 | | | | |

*Signature* Bolton Corporation W.W.

*See Instruction 2 (*f*) below.

## C Particulars of Station.

**Every observer is requested to fill in this section and also the space for notes as far as possible:—**

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter ........ in Summer ........

Nearest Railway Station ........ Distance ........ Direction from gauge ........

Nearest Parish Church at ........ Distance ........ Direction from gauge ........

| | | | | |
|---|---|---|---|---|
| Nature of objects nearest to gauge | | | | |
| Heights of objects | | | | |
| Distances .. | | | | |
| Directions from gauge .. | | | | |

**If gauge has been moved during the year state—**

Date of move ........ Distance ........ Direction ........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

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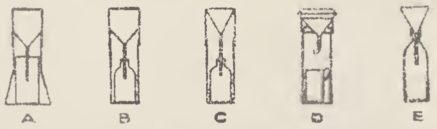

**If you know of any record of rainfall** not quoted in **British Rainfall**, please give the observer's name and address:—

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Copied from printed list.

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(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

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(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

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D

FORM 1090.

2848

## B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

## RAINFALL IN 1934

At Harper's Farm

In the County of S. Lancs

Rain Gauge
Diameter of Funnel 5 in.
*Height of Top above Ground* 1 *ft.* 0 *in.*
*Height of Ground above Sea Level* 842 *ft.*

| Month. | Total Depth. | Greatest Fall in 24 hours. | | Number of Days with | |
|---|---|---|---|---|---|
| | | | | ·01 in. or more | ·04 in. or more |
| | Inches | Inches | Date. | * | * |
| JAN. | 3·68 | | | | |
| FEB. | 0·43 | | | | |
| MAR. | 2·78 | | | | |
| APRIL | 2·68 | | | | |
| MAY | 3·97 | | | | |
| JUNE | 1·86 | | | | |
| JULY | 2·88 | | | | |
| AUG. | 5·57 | | | | |
| SEPT. | 3·86 | | | | |
| OCT. | 6·96 | | | | |
| NOV. | 2·48 | | | | |
| DEC. | 7·20 | | | | |
| Total | 3<br>44·~~4~~5 | | | | |

*Signature*

*See Instruction 2 (*f*) below.

## C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Bolton Corporation

Hour of observation by the clock—in Winter in Summer

Nearest Railway Station Distance Direction from gauge —

Nearest Parish Church at Distance Direction from gauge —

| | | | | |
|---|---|---|---|---|
| Nature of objects nearest to gauge | — | | | |
| Heights of objects | | | | |
| Distances .. | | | | |
| Directions from gauge .. | | | | |

**If gauge has been moved during the year state—**

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

**If you know of any record of rainfall** not quoted in **British Rainfall**, please give the observer's name and address:—

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Copied from Bolton Corporation Sheet

## D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* 0·1 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 | } ·14 | 18 | would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

97
JAN 1935

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(506) Wt.24107/1845 15000 3/33. Gp. 119/110.

2848

FORM 1090.

## B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

## RAINFALL IN 1935

At Bolton W.W., Harpers Farm

In the County of S. Lancashire

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft* = *in.*
- *Height of Ground above Sea Level* 872 *ft.*

| Month. | Total Depth. | Greatest Fall in 24 hours. | | Number of Days with | |
|---|---|---|---|---|---|
| | | | | ·01 in or more | ·04 in. or more |
| | Inches | Inches | Date | * | * |
| JAN. | 3·68 | | | | |
| FEB. | 6·06 | | | | |
| MAR. | 1·87 | | | | |
| APRIL | 3·68 | | | | |
| MAY | 1·58 | | | | |
| JUNE | 4·87 | | | | |
| JULY | 1·66 | | | | |
| AUG. | 2·27 | | | | |
| SEPT. | 7·07 | | | | |
| OCT. | *9·50 | | | | |
| NOV. | 5·23 | | | | |
| DEC. | 4·47 | | | | |
| Total | 51·94 | | | | |

Signature John P. Ainsworth

WATERWORKS ENGINEER
17 JAN. 1936
REF.
BOLTON

*See Instruction 2 (*f*) below.

## C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
Mr. John P. Ainsworth, B.Sc., A.Inst.C.E.,
Waterworks Engineer, Bolton.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station Lostock Junction Distance 1 7/8 mls. Direction from gauge S.

Nearest Parish Church at Heaton Distance 1 5/8 mls. Direction from gauge S.E.

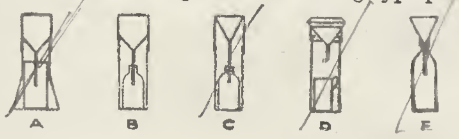
| | | | | |
|---|---|---|---|---|
| Nature of objects nearest to gauge | | | | |
| Height of objects | | | | |
| Distances .. | | | | |
| Directions from gauge .. | | | | |

**If gauge has been moved during the year state—**

Date of move ........ Distance ........ Direction ........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



**If you know of any record of rainfall** not quoted in **British Rainfall**, please give the observer's name and address:—

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

*Estimated - Gauge interfered with.

## D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-guage should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{r}17\\18\end{array}\right\}$ ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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2848

FORM 1090.

## B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

## RAINFALL IN 1936.

At Bolton W.W., Harpers Farm

In the County of S. Lancashire

Rain Gauge

Diameter of Funnel 5 in.

*Height of Top above Ground* 1 *ft* 0 *in.*

*Height of Ground above Sea Level* 872 *ft.*

| Month. | Total Depth. | Greatest Fall in 24 hours. | | Number of Days with | |
|---|---|---|---|---|---|
| | | | | ·01 in. or more | ·04 in. or more |
| | Inches | Inches | Date | * | * |
| JAN. | 5·47 | ✓ | | | |
| FEB. | 2·37 | ✓ | | | |
| MAR. | 3·07 | ✓ | | | |
| APRIL | 1·37 | ✓ | | | |
| MAY | 1·19 | ✓ | | | |
| JUNE | 3·77 | ✓ | | | |
| JULY | 3·67 | ✓ | | | |
| AUG. | 2·87 | ✓ | | | |
| SEPT. | 4·38 | ✓ | | | |
| OCT. | 4·07 | ✓ | | | |
| NOV. | 5·57 | ✓ | | | |
| DEC. | 4·58 | | | | |
| Total | 42·38 ✓ | ✓ | | | |

*Signature* John G. Ainsworth.

WATERWORKS ENGINEER
12 JAN. 1937
REF.
BOLTON

*See Instruction 2 (*f*) below.

## C Particulars of Station.

**Every observer is requested to fill in this section and also the space for notes as far as possible:—**

Name and Address to which any inquiry relating to this register should be sent:—
Mr. John G. Ainsworth, B.Sc., M.Inst.C.E.,
Waterworks Engr., St. George's St., Bolton.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station Lostock Junction Distance 1¾ mls. Direction from gauge S.

Nearest Parish Church at Heaton Distance 1¾ mls. Direction from gauge S.E.

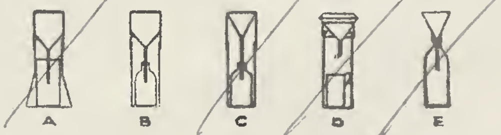
| | | | | |
|---|---|---|---|---|
| Nature of objects nearest to gauge | | | | |
| Height of objects | | | | |
| Distances | | | | |
| Directions from gauge | | | | |

**If gauge has been moved during the year state—**

Date of move ........ Distance ........ Direction ........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



**If you know of any record of rainfall** not quoted in **British Rainfall,** please give the observer's name and address:—

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

## D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

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*9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-guage should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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2848

FORM 1090.

## B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

### RAINFALL IN 1937

At Bolton W.W. Harpers Farm

In the County of S. Lancashire

Rain Gauge
Diameter of Funnel 5 in.
*Height of Top above Ground* 1 *ft.* – *in.*
*Height of Ground above Sea Level* 872 *ft.*

| Month | Total Depth | Greatest Fall in 24 hours | | Number of Days with | |
|---|---|---|---|---|---|
| | | | | ·01 in. or more | ·04 in. or more |
| | Inches | Inches | Date | * | * |
| JAN. | 3·58 | | | | |
| FEB. | 6·28 | | | | |
| MAR. | 2·08 | | | | |
| APRIL | 4·78 | | | | |
| MAY | 2·87 | | | | |
| JUNE | 2·17 | | | | |
| JULY | 2·97 | | | | |
| AUG. | 3·68 | | | | |
| SEPT. | 2·07 | | | | |
| OCT. | 2·47 | | | | |
| NOV. | 2·18 | | | | |
| DEC. | 5·27 | | | | |
| TOTAL | 40·40 | | | | |

*Signature* John P. Ainsworth

WATERWORKS ENGINEER
12 JAN 1938
REF.
BOLTON

*See Instruction 2 (*f*) below.

## C Particulars of Station,

TRAVELLING FORM.
VALUES ~~FORWARDED~~ MONTHLY

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
John P. Ainsworth, B.Sc., M.Inst.C.E.,
Waterworks Engineer, Town Hall, Bolton.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station Lostock Junction Distance 1¾ mls Direction from gauge S.

Nearest Parish Church at Heaton Distance 1¾ mls Direction from gauge S.E.

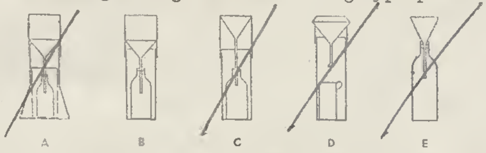
| | | | | |
|---|---|---|---|---|
| Nature of objects nearest to gauge | | | | |
| Height of objects | | | | |
| Distances ... | | | | |
| Directions from gauge ... | | | | |

If gauge has been moved during the year state –

Date of move ............ Distance ............ Direction ............

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and E.)

If the gauge is of a self-registering or self-recording type please give particulars.



**If you know of any record of rainfall** not quoted in **British Rainfall,** please give the observer's name and address :—

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

## D INSTRUCTIONS.

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(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

2848

FORM 1090.

## B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

## RAINFALL IN 1938.

At Bolton W.W., Harpers Farm

In the County of S. Lancashire

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* – *in.*
- *Height of Ground above Sea Level* 872 *ft.*

| Month | Total Depth | Greatest Fall in 24 hours | | Number of Days with | |
|---|---|---|---|---|---|
| | | | | ·01 in. or more | ·04 in. or more |
| | Inches | Inches | Date | * | * |
| JAN. | 5·78 | | | | |
| FEB. | 4·98 | | | | |
| MAR. | 2·38 | | | | |
| APRIL | 0·67 | | | | |
| MAY | 4·88 | | | | |
| JUNE | 4·86 | | | | |
| JULY | 4·69 | | | | |
| AUG. | 4·47 | | | | |
| SEPT. | 3·27 | | | | |
| OCT. | 10·26 | | | | |
| NOV. | 5·58 | | | | |
| DEC. | 5·87 | | | | |
| TOTAL | 54·69 | | | | |

Signature John P. Ainsworth

* See Instruction 3 (*f*) below.

## C Particulars of Station.

**Every observer is requested to fill in this section and also the space for notes as far as possible :—**

Name and Address to which any inquiry relating to this register should be sent :—
Mr John P. Ainsworth, Waterworks Engineer, Town Hall, Bolton.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station Lostock Junction Distance 1¾ mls Direction from gauge S.

Nearest Parish Church at Heaton Distance 1¾ mls Direction from gauge S.E.

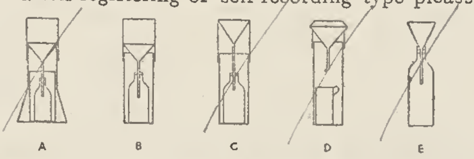
| | | | | |
|---|---|---|---|---|
| Nature of objects nearest to gauge | | | | |
| Height of objects | | | | |
| Distances ... | | | | |
| Directions from gauge ... | | | | |

**If gauge has been moved during the year state—**

Date of move ........ Distance ........ Direction ........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



**If you know of any record of rainfall** not quoted in **British Rainfall,** please give the observer's name and address :—

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

WATERWORKS ENGINEER
12 JAN 1939
REF.
BOLTON

## D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
*9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{c}17\\18\end{array}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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Wt.1046/3030. 26,000. 4/36. W. H. & S. 668/91.
S.O. Code No. 40-9999

2848

FORM 1090.

## B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

### RAINFALL IN 1939.

At Bolton W.W., Harpers Farm

In the County of S. Lancashire

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 872 *ft.*

| Month | Total Depth | Greatest Fall in 24 hours | | Number of Days with | |
|---|---|---|---|---|---|
| | | | | ·01 in. or more | ·04 in. or more |
| | Inches | Inches | Date | * | * |
| JAN. | 5·98 | | | | |
| FEB. | 4·88 | | | | |
| MAR. | 2·62 | | | | |
| APRIL | 3·47 | | | | |
| MAY | 1·96 | | | | |
| JUNE | 4·28 | | | | |
| JULY | 7·29 | | | | |
| AUG. | 1·98 | | | | |
| SEPT. | 1·58 | | | | |
| OCT. | 2·87 | | | | |
| NOV. | 7·07 | | | | |
| DEC. | 3·50 | | | | |
| TOTAL | 47·48 | | | | |

Signature John S. Ainsworth

* See Instruction 3 (*f*) below.

## C Particulars of Station.

**Every observer is requested to fill in this section and also the space for notes as far as possible :—**

Name and Address to which any inquiry relating to this register should be sent :—
John S. Ainsworth B.Sc., M.Inst.C.E.,
Waterworks Engineer, Town Hall, Bolton.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station Lostock Junction Distance 1¾ mls Direction from gauge S.

Nearest Parish Church at Heaton Distance 1¾ mls Direction from gauge S.E.

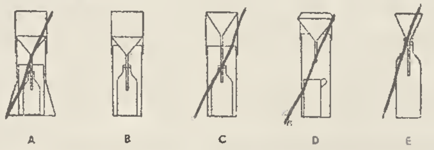
| | | | | |
|---|---|---|---|---|
| Nature of objects nearest to gauge | | | | |
| Height of objects | | | | |
| Distances ... | | | | |
| Directions from gauge ... | | | | |

**If gauge has been moved during the year state—**

Date of move .......... Distance .......... Direction ..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



**If you know of any record of rainfall** not quoted in **British Rainfall,** please give the observer's name and address :—

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

WATERWORKS ENGINEER
10 JAN 1940
REF.
BOLTON

TRAVELLING FORM
VALUES FORWARDED MONTHLY

## D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
*9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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2848 ✓

FORM 1090.

## B Monthly Summary.

* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

## RAINFALL IN 1940.

At Bolton W.W., Harpers Lane

In the County of S. Lancashire

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 872 *ft.*

| Month | Total Depth | Greatest Fall in 24 hours | | Number of Days with | |
|---|---|---|---|---|---|
| | | | | ·01 in. or more | ·04 in. or more |
| | Inches | Inches | Date | * | * |
| JAN. | *3·20 | | | | |
| FEB. | *3·00 | | | | |
| MAR. | 3·08 | ✓ | | | |
| APRIL | 3·57 | ✓ | | | |
| MAY | 1·98 | ✓ | | | |
| JUNE | 1·34 | ✓ | | | |
| JULY | 5·88 | ✓ | | | |
| AUG. | 2·63 | ✓ | | | |
| SEPT. | 4·58 | ✓ | | | |
| OCT. | 4·68 | | | | |
| NOV. | 7·85 | ✓ | | | |
| DEC. | 5·28 | ✓ | | | |
| TOTAL | 47·07 | ✓ | | | |

*Estimated.

Signature John P. Ainsworth

* See Instruction 3 (*f*) below.

## C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
John P. Ainsworth,
Waterworks Engineer, Bolton.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station Lostock Junction Distance 1¾ mls Direction from gauge S

Nearest Parish Church at Heaton Distance 1¾ mls Direction from gauge S.E.

| | | | | |
|---|---|---|---|---|
| Nature of objects nearest to gauge | | | | |
| Height of objects | | | | |
| Distances ... | | | | |
| Directions from gauge ... | | | | |

**If gauge has been moved during the year state—**

Date of move........ Distance........ Direction........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

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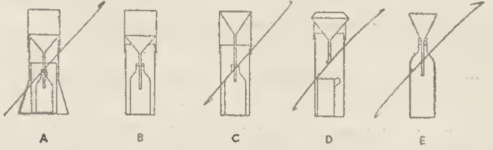

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TRAVELLING FORM
VALUES FORWARDED MONTHLY

WATERWORKS ENGINEER
15 JAN 1941
Ref
BOLTON

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S.O. Code No. 40-9999

2849

Section **A** for the entry of

AIR MINISTR

FORM 1090.

**REGIS**

Kept at Bloomfield

in the County of Lanca

Diameter of Funnel of Gauge

Height of top of Gauge above Groun

,, Ground ,, Sea L

**THE MORNING MEASU**

*An observer who does not conform to*
*year in the space on the right of th*

2849

BOLTON, BLOOMFIELD

1931 —— 40

780501

PY FOR OFFICIAL USE.

ORGANIZATION.

*lowing*

Jan. 1, following

| Date | Jan. | Feb. | March | | | | | | | | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | | | | | | | | in. | in. | |
| 1 | .03 | — | .56 | — | — | — | — | — | .02 | .13 | — | — | 1 |
| 2 | .16 | .08 | — | .68 | — | .11 | — | — | 1.15 | — | .03 | .08 | 2 |
| 3 | — | — | — | .10 | — | .15 | — | — | .41 | .45 | 1.13 | .25 | 3 |
| 4 | — | — | — | .42 | — | — | .30 | .02 | .56 | .03 | .19 | .35 | 4 |
| 5 | — | .16 | — | — | .13 | .10 | .11 | .95 | .13 | — | — | .32 | 5 |
| 6 | — | .28 | — | .02 | — | .43 | .16 | .04 | .26 | .59 | .28 | .03 | 6 |
| 7 | — | .06 | .06 | — | — | .65 | .07 | .42 | — | .01 | .09 | .01 | 7 |
| 8 | .12 | .20 | .04 | .16 | — | — | — | .34 | — | — | .19 | .01 | 8 |
| 9 | .04 | .59 | .03 | .15 | — | .74 | .16 | .56 | .30 | — | .06 | .23 | 9 |
| 10 | .07 | .09 | — | — | .23 | .92 | — | .12 | .05 | .02 | .32 | .03 | 10 |
| 11 | .74 | .73 | — | .12 | — | .03 | .15 | — | .45 | — | .67 | .04 | 11 |
| 12 | .04 | .40 | — | .02 | — | .02 | .21 | .07 | .23 | — | .17 | — | 12 |
| 13 | — | — | .21 | — | .12 | .03 | .13 | .13 | — | .25 | — | .04 | 13 |
| 14 | .11 | .16 | — | .02 | .02 | 1.33 | .15 | .90 | — | — | .64 | — | 14 |
| 15 | .47 | .30 | — | .29 | .23 | — | .11 | .21 | .04 | — | — | — | 15 |
| 16 | .37 | .15 | — | .35 | .16 | .13 | .08 | .83 | .24 | — | — | — | 16 |
| 17 | .13 | .06 | — | .14 | — | — | .56 | .41 | .15 | — | .18 | — | 17 |
| 18 | .53 | — | — | .04 | .01 | .47 | .62 | .16 | .02 | — | .73 | — | 18 |
| 19 | .35 | .04 | — | .01 | — | — | .12 | 1.33 | — | .04 | — | — | 19 |
| 20 | .02 | .46 | .09 | — | — | .22 | .05 | .08 | — | — | .10 | — | 20 |
| 21 | .55 | .06 | .14 | — | .15 | .05 | .02 | .24 | — | — | — | — | 21 |
| 22 | .15 | .06 | — | .08 | .14 | .04 | .05 | — | — | — | .13 | — | 22 |
| 23 | .49 | .01 | — | .14 | .36 | .29 | .13 | — | — | — | .30 | .44 | 23 |
| 24 | .07 | .16 | — | .11 | .55 | — | .06 | — | — | — | .11 | .05 | 24 |
| 25 | .48 | 1.15 | — | .35 | .05 | — | .02 | — | — | — | .04 | .25 | 25 |
| 26 | .03 | .16 | — | .54 | .10 | — | .01 | — | — | — | .78 | .08 | 26 |
| 27 | .58 | .11 | — | .15 | .19 | .03 | .36 | — | — | .68 | 1.41 | — | 27 |
| 28 | .75 | .47 | — | .03 | .32 | — | .13 | — | — | .80 | — | .20 | 28 |
| 29 | .22 | | — | — | .10 | — | .07 | — | .09 | — | .02 | — | 29 |
| 30 | — | × | — | — | — | — | .01 | — | .23 | .03 | — | — | 30 |
| 31 | .55 | × | — | × | — | × | .14 | — | × | | × | .07 | 31 |
| TOTAL | 7.05 | 5.94 | 1.13 | 3.92 | 2.86 | 5.04 | 3.98 | 6.81 | 4.31 | 3.03 | 7.57 | 2.48 | YEAR'S TOTAL 54.12 |
| *Days with ·01 in. or more. | 24 | 23 | 7 | 21 | 16 | 18 | 26 | 17 | 16 | 11 | 21 | 17 | 217 |
| *Days with ·04 in. or more. | 21 | 22 | 6 | 16 | 14 | 14 | 22 | 16 | 14 | 7 | 19 | 13 | 184 |

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) Mary W. H. Taylor

(Mrs. Frank Taylor. J.P.)

P.T.O.

2849

**Section** **A** for the entry of

PY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1931.

*Kept at* Bloomfield Heaton Bolton

*in the County of* Lancaster

Diameter of Funnel of Gauge five in.

Height of top of Gauge above Ground one ft — in.

,, Ground ,, Sea Level 530 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | .03 | — | .56 | — | — | — | — | — | .02 | .13 | — | — | 1 |
| 2 | .16 | .08 | — | .68 | — | .11 | — | — | 1.15 | — | .03 | .08 | 2 |
| 3 | — | — | — | .10 | — | .15 | — | — | .41 | .45 | 1.13 | .25 | 3 |
| 4 | — | — | — | .42 | — | — | .30 | .02 | .54 | .03 | .19 | .35 | 4 |
| 5 | — | .16 | — | — | .13 | .10 | .11 | .95 | .13 | — | — | .32 | 5 |
| 6 | — | .28 | — | .02 | — | .43 | .16 | .04 | .26 | .59 | .28 | .03 | 6 |
| 7 | — | .06 | .06 | — | — | .65 | .07 | .42 | — | .01 | .09 | .01 | 7 |
| 8 | .12 | .20 | .04 | .16 | — | — | — | .34 | — | — | .19 | .01 | 8 |
| 9 | .04 | .59 | .03 | .15 | — | .04 | .16 | .56 | .30 | — | .06 | .23 | 9 |
| 10 | .07 | .09 | — | — | .23 | .92 | — | .12 | .05 | .02 | .32 | .03 | 10 |
| 11 | .74 | .73 | — | .12 | — | .03 | .15 | — | .45 | — | .67 | .04 | 11 |
| 12 | .04 | .40 | — | .02 | — | .02 | .21 | .07 | .23 | — | .17 | — | 12 |
| 13 | — | — | .21 | — | .12 | .03 | .13 | .13 | — | .25 | — | .04 | 13 |
| 14 | .11 | .16 | — | .02 | .02 | 1.33 | .15 | .90 | — | — | .64 | — | 14 |
| 15 | .47 | .30 | — | .29 | .23 | — | .11 | .21 | .04 | — | — | — | 15 |
| 16 | .37 | .15 | — | .35 | .16 | .13 | .08 | .83 | .24 | — | — | — | 16 |
| 17 | .13 | .06 | — | .14 | — | — | .56 | .41 | .15 | — | .18 | — | 17 |
| 18 | .53 | — | — | .04 | .01 | .49 | .62 | .16 | .02 | — | .73 | — | 18 |
| 19 | .35 | .04 | — | .01 | — | — | .12 | 1.33 | — | .04 | — | — | 19 |
| 20 | .02 | .46 | .09 | — | — | .22 | .05 | .08 | — | — | .10 | — | 20 |
| 21 | .55 | .06 | .14 | — | .15 | .05 | .02 | .24 | — | — | — | — | 21 |
| 22 | .15 | .06 | — | .08 | .14 | .04 | .05 | — | — | — | .13 | — | 22 |
| 23 | .49 | .01 | — | .14 | .36 | .29 | .13 | — | — | — | .30 | .44 | 23 |
| 24 | .07 | .16 | — | .11 | .55 | — | .06 | — | — | — | .11 | .05 | 24 |
| 25 | .48 | 1.15 | — | .35 | .05 | — | .02 | — | — | — | .04 | .25 | 25 |
| 26 | .03 | .16 | — | .54 | .10 | — | .01 | — | — | — | .78 | .08 | 26 |
| 27 | .58 | .11 | — | .15 | .19 | .03 | .36 | — | — | .68 | 1.41 | — | 27 |
| 28 | .75 | .49 | — | .03 | .32 | — | .13 | — | — | .80 | — | .20 | 28 |
| 29 | .22 | | — | — | .10 | — | .07 | — | .09 | — | .02 | — | 29 |
| 30 | — | × | — | — | — | — | .01 | — | .23 | .03 | — | — | 30 |
| 31 | .55 | × | — | × | — | × | .14 | — | × | | × | .07 | 31 |
| TOTAL | 7.05 | 5.94 | 1.13 | 3.92 | 2.86 | 5.04 | 3.98 | 6.81 | 4.31 | 3.03 | 7.57 | 2.48 | YEAR'S TOTAL 54.12 |
| *Days with ·01 in. or more. | 24 | 23 | 7 | 21 | 16 | 18 | 26 | 17 | 16 | 11 | 21 | 17 | 217 |
| *Days with ·04 in. or more. | 21 | 22 | 6 | 16 | 14 | 14 | 22 | 16 | 14 | 7 | 19 | 13 | 184 |

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*See Instruction 2 (*f*) on other side.

(*Signed*) Mary W. H. Taylor

(Mrs. Frank Taylor. J.P.)

P.T.O.

2849

Section **A** for the entry of Daily Observations.

COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1932.

*Kept at* Bloomfield, Healow, Bolton

*in the County of* Lancaster

Diameter of Funnel of Gauge five in.

Height of top of Gauge above Ground one ft. — in.

„ Ground „ Sea Level 530 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following →

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | .27 | .02 | — | .42 | .05 | — | .09 | .01 | .58 | .14 | .02 | .05 | 1 |
| 2 | 1.08 | — | — | — | .19 | — | .03 | .08 | .97 | .12 | .11 | .57 | 2 |
| 3 | .01 | — | — | .05 | — | — | .08 | .01 | .06 | .04 | .08 | .06 | 3 |
| 4 | .04 | — | — | — | — | — | .23 | — | .09 | .03 | .02 | .06 | 4 |
| 5 | 1.04 | — | .10 | .31 | .01 | — | .01 | .01 | .08 | .01 | — | .02 | 5 |
| 6 | 1.00 | — | .14 | .31 | .02 | — | — | — | .25 | — | — | — | 6 |
| 7 | .02 | — | .62 | .08 | — | — | — | — | .98 | .60 | .02 | — | 7 |
| 8 | — | — | — | .13 | — | — | — | — | .11 | .54 | — | — | 8 |
| 9 | .13 | .03 | — | .21 | .18 | — | — | — | .12 | .03 | — | .03 | 9 |
| 10 | .45 | .01 | — | .09 | .01 | — | — | — | .67 | .44 | — | — | 10 |
| 11 | .09 | .01 | — | .03 | .66 | .02 | .19 | .01 | .05 | .03 | .02 | — | 11 |
| 12 | .29 | — | — | — | .48 | .01 | .14 | .12 | .04 | .43 | — | — | 12 |
| 13 | .06 | .03 | — | .05 | .22 | — | .21 | .02 | .34 | .39 | — | — | 13 |
| 14 | .09 | — | — | .12 | — | — | .81 | .15 | .02 | .20 | .08 | .01 | 14 |
| 15 | .01 | — | — | — | .80 | — | — | — | — | .17 | .07 | .10 | 15 |
| 16 | .21 | — | — | — | — | — | .19 | .02 | — | .21 | .01 | .12 | 16 |
| 17 | .01 | — | — | — | — | — | .03 | .06 | .08 | .28 | — | — | 17 |
| 18 | — | — | — | — | .10 | — | — | — | .02 | .10 | — | .01 | 18 |
| 19 | — | — | .01 | .18 | .07 | — | — | — | — | .37 | .01 | — | 19 |
| 20 | — | — | — | .15 | .33 | — | .17 | .60 | — | .20 | .03 | .04 | 20 |
| 21 | .05 | — | .41 | .01 | .24 | — | .03 | .34 | — | .57 | .34 | .03 | 21 |
| 22 | .01 | — | .20 | .23 | .02 | — | .06 | — | — | .09 | .34 | .05 | 22 |
| 23 | — | .01 | .02 | .02 | .44 | .08 | .19 | — | — | .12 | .11 | .08 | 23 |
| 24 | .05 | — | — | — | .02 | — | .35 | — | .15 | .01 | .19 | .04 | 24 |
| 25 | — | .62 | — | .10 | .04 | — | .02 | — | .18 | 1.46 | .28 | — | 25 |
| 26 | — | — | .05 | .08 | .19 | .08 | .62 | — | .09 | .36 | .05 | — | 26 |
| 27 | — | — | .47 | .09 | .31 | .19 | .35 | .01 | — | .02 | .27 | .09 | 27 |
| 28 | — | — | .05 | .53 | .20 | — | .43 | .01 | — | — | .01 | .02 | 28 |
| 29 | .21 | — | .74 | .55 | .05 | .13 | .23 | .18 | .15 | 1.03 | .58 | .14 | 29 |
| 30 | — | × | .19 | — | .02 | .34 | .06 | .03 | .13 | .51 | .50 | .09 | 30 |
| 31 | .02 | × | .04 | × | — | × | .16 | .04 | × | | × | .10 | 31 |
| TOTAL | 5.12 | .13 | 3.04 | 3.74 | 4.65 | .85 | 4.68 | 1.70 | 5.16 | 8.44 | 3.14 | 1.71 | YEAR'S TOTAL<br>42.36 |
| *Days with ·01 in. or more. | 21 | 7 | 13 | 21 | 23 | 7 | 23 | 17 | 21 | 28 | 21 | 20 | 222 |
| *Days with ·04 in. or more. | 15 | — | 11 | 18 | 17 | 5 | 18 | 8 | 19 | 23 | 13 | 14 | 161 |

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*See Instruction 2 (*f*) on other side.

(Signed) Mary W. H. Taylor
(Mrs. Frank Taylor J.P.)

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2849

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1933.

*Kept at* Bloomfield Heaton, Bolton

*in the County* of Lancaster

Diameter of Funnel of Gauge five in.

Height of top of Gauge above Ground one ft. in.

,, Ground ,, Sea Level 530 ft.

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | .02 | .26 | .10 | — | — | — | .02 | .10 | .08 | — | .43 | — | | 1 |
| 2 | .62 | — | .23 | .32 | .03 | .20 | — | .20 | — | — | — | — | | 2 |
| 3 | .01 | .67 | .32 | .01 | .51 | — | — | — | — | — | .01 | — | | 3 |
| 4 | .29 | .05 | .19 | — | .16 | — | — | — | — | .02 | .02 | — | | 4 |
| 5 | .16 | .10 | .05 | — | .03 | — | — | — | — | — | .05 | — | | 5 |
| 6 | .01 | .16 | — | — | .11 | — | — | — | — | — | — | .03 | | 6 |
| 7 | .12 | .53 | .07 | — | .02 | — | .20 | .10 | — | .48 | — | .01 | | 7 |
| 8 | .31 | .03 | .19 | .11 | .05 | — | .28 | — | — | .01 | .03 | .05 | | 8 |
| 9 | .01 | .44 | .01 | .13 | .09 | .05 | .71 | — | — | .54 | .23 | — | | 9 |
| 10 | .16 | .03 | — | .01 | — | .07 | .07 | — | — | 1.21 | .26 | — | | 10 |
| 11 | .01 | — | — | .02 | — | — | .32 | — | — | .28 | — | .10 | | 11 |
| 12 | .02 | .03 | — | — | — | .12 | .34 | — | — | .26 | — | .12 | | 12 |
| 13 | .01 | — | — | — | .17 | — | .13 | .04 | — | .19 | .22 | — | | 13 |
| 14 | .17 | — | .01 | — | — | — | .10 | .13 | — | .02 | .73 | — | | 14 |
| 15 | .10 | — | .05 | — | — | .02 | .03 | .11 | — | .28 | .30 | .02 | | 15 |
| 16 | .11 | .07 | .20 | .15 | .05 | .31 | — | .40 | — | .09 | — | — | | 16 |
| 17 | .06 | — | .72 | — | — | 1.19 | .01 | — | .10 | .01 | .05 | .01 | | 17 |
| 18 | .05 | — | .24 | — | .11 | 1.16 | — | .04 | — | — | .10 | — | | 18 |
| 19 | — | .01 | .27 | — | — | .45 | .04 | .03 | .14 | — | — | .05 | | 19 |
| 20 | — | .30 | .02 | — | .20 | .21 | — | .46 | .01 | — | — | .01 | | 20 |
| 21 | — | .01 | — | — | — | .01 | — | .36 | — | — | — | .02 | | 21 |
| 22 | — | — | — | — | — | — | — | .06 | .01 | .11 | — | — | | 22 |
| 23 | — | — | — | .43 | — | .10 | — | — | .04 | .09 | — | — | | 23 |
| 24 | — | .35 | — | .20 | .14 | .14 | — | — | .51 | .01 | — | — | | 24 |
| 25 | — | .85 | — | .22 | — | — | — | — | .05 | .01 | — | .12 | | 25 |
| 26 | — | .67 | — | .13 | .01 | — | — | — | — | .43 | — | .02 | | 26 |
| 27 | — | .03 | — | — | .09 | — | — | — | — | — | — | — | | 27 |
| 28 | — | — | — | .05 | — | — | .12 | .08 | — | .07 | — | — | | 28 |
| 29 | — | — | — | — | — | .02 | .10 | — | — | .02 | — | .09 | | 29 |
| 30 | .05 | × | .07 | — | .12 | — | .19 | — | — | .35 | — | .16 | | 30 |
| 31 | .40 | × | .10 | × | — | × | .11 | .28 | × | .56 | × | .01 | Year's Total | 31 |
| TOTAL | 2.69 | 4.59 | 2.84 | 1.78 | 1.89 | 4.03 | 2.77 | 2.39 | .94 | 5.04 | 2.43 | .82 | 32.21 ✓ | |
| *Days with ·01 in. or more. | 20 | 18 | 17 | 12 | 16 | 14 | 16 | 14 | 8 | 21 | 12 | 15 | 183 | |
| *Days with .04 in. or more. | 13 | 13 | 14 | 9 | 12 | 11 | 12 | 13 | 6 | 14 | 9 | 7 | 133 | |

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*See Instruction 2 (*f*) on other side.

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† Spare column, no entries required.

(*Signed*) Mary W. H. Taylor

Mrs. Frank Taylor. J.P.

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No 2849

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1934.

*Kept at* Bloomfield Heaton Bolton

*in the County of* Lancaster

Diameter of Funnel of Gauge five in.

Height of top of Gauge above Ground 1 ft. — in.

,, Ground ,, Sea Level 530 ft.

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | .25 | — | .01 | — | — | — | — | .19 | .08 | .05 | .08 | .45 | | 1 |
| 2 | .02 | .02 | .19 | — | .02 | — | — | .04 | .07 | — | .26 | .56 | | 2 |
| 3 | .16 | .01 | — | — | — | — | — | .83 | .03 | .41 | .08 | .13 | | 3 |
| 4 | .20 | — | .08 | .02 | .18 | — | — | .03 | .21 | .86 | .01 | 1.09 | | 4 |
| 5 | .01 | — | .03 | — | .10 | — | — | .04 | — | .12 | — | .14 | | 5 |
| 6 | — | — | .28 | .12 | .58 | .08 | — | .58 | .01 | .29 | .47 | .40 | | 6 |
| 7 | .33 | .03 | .15 | .09 | — | .05 | — | .50 | — | .11 | .60 | .39 | | 7 |
| 8 | .01 | .01 | .01 | — | .17 | .12 | — | — | .01 | .09 | .25 | .01 | | 8 |
| 9 | — | .06 | .14 | .02 | — | — | — | .03 | — | .02 | .02 | — | | 9 |
| 10 | — | .02 | .63 | .20 | — | — | — | .13 | — | .46 | .01 | — | | 10 |
| 11 | .02 | — | .03 | .43 | — | — | — | .34 | .01 | .03 | .01 | .18 | | 11 |
| 12 | — | — | .01 | .17 | — | — | .02 | .24 | — | .23 | — | .10 | | 12 |
| 13 | .42 | — | — | .04 | .07 | — | .11 | .15 | .01 | .22 | — | — | | 13 |
| 14 | .22 | — | .16 | .01 | .04 | .02 | — | .01 | — | .57 | .01 | .11 | | 14 |
| 15 | .34 | — | .34 | — | .85 | — | .05 | — | .11 | .09 | .02 | .38 | | 15 |
| 16 | .62 | — | .19 | — | .25 | | .01 | .14 | — | .24 | — | .07 | | 16 |
| 17 | .20 | — | .16 | .07 | .19 | .18 | .40 | — | .40 | .11 | — | .26 | | 17 |
| 18 | .18 | — | .20 | .26 | .58 | .37 | — | .01 | .01 | .02 | — | .28 | | 18 |
| 19 | — | — | .24 | .01 | .08 | .07 | — | .02 | .47 | .25 | .02 | .10 | | 19 |
| 20 | .01 | — | .02 | .17 | .31 | .50 | — | .02 | .15 | .12 | .01 | .02 | | 20 |
| 21 | .07 | — | .07 | .01 | .01 | — | — | .01 | .14 | .09 | — | — | | 21 |
| 22 | .11 | — | .03 | .01 | .02 | — | — | .02 | .65 | .10 | .07 | .02 | | 22 |
| 23 | .02 | .01 | .17 | .45 | — | — | .61 | .27 | .02 | .21 | — | .13 | | 23 |
| 24 | — | .28 | .09 | .35 | .01 | .03 | — | .14 | .34 | .17 | — | — | | 24 |
| 25 | .08 | .02 | .01 | .17 | .02 | — | .21 | — | .23 | .21 | — | .58 | | 25 |
| 26 | .05 | — | .03 | .13 | — | .08 | .15 | — | .25 | .02 | .01 | .02 | | 26 |
| 27 | — | — | — | .02 | — | .26 | .27 | .01 | — | .42 | .09 | .30 | | 27 |
| 28 | — | — | — | .06 | — | .12 | .09 | — | .07 | .33 | — | .76 | | 28 |
| 29 | .01 | | — | — | — | — | .07 | .46 | .24 | .26 | — | .10 | | 29 |
| 30 | .15 | × | — | — | — | — | .05 | .62 | .22 | .15 | — | .03 | | 30 |
| 31 | .02 | × | — | × | — | × | — | .11 | × | .25 | × | .19 | | 31 |
| TOTAL | 3.50 | .46 | 3.77 | 2.81 | 3.48 | 1.88 | 2.04 | 4.94 | 3.73 | 6.50 | 2.02 | 6.80 | Year's Total.<br>41.43 | |
| * Days with .01 in. or more. | 23 | 9 | 24 | 21 | 17 | 12 | 12 | 25 | 22 | 30 | 17 | 26 | 238 | |
| * Days with .04 in. or more. | 15 | 2 | 15 | 14 | 12 | 10 | 10 | 16 | 15 | 26 | 8 | 21 | 164 | |

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† Spare column, no entries required.

(*Signed*) Mrs Frank Taylor J.P.

* See Instruction 2 (f) on other side.

P.T.O.

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Section **A** for the entry of Daily Observations. Station No. 2849

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FORM 1090.

# REGISTER OF RAINFALL IN 1935.

Kept at Bloomfield Heaton Bolton by Mrs. Frank Taylor. J.P.

in the County of Lancaster

Corr for Aith

Diameter of Funnel of Gauge five in.

Height of top of Gauge above Ground One ft — in.

,, Ground ,, Sea Level 530 ft.

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | 1.29 | .55 | .01 | .10 | — | .15 | .16 | — | .48 | .99 | .14 | .20 | | 1 |
| 2 | .04 | .22 | .03 | — | — | .32 | .04 | — | .02 | .19 | .04 | .12 | | 2 |
| 3 | .15 | .79 | .21 | .13 | .01 | .04 | .23 | — | .46 | .03 | .09 | .46 | | 3 |
| 4 | — | .02 | .08 | .02 | — | .84 | .02 | — | .16 | .20 | .01 | .04 | | 4 |
| 5 | — | .42 | .13 | .27 | — | .42 | — | .01 | .30 | — | .19 | .38 | | 5 |
| 6 | — | — | .02 | .06 | — | .21 | — | — | — | — | — | .02 | | 6 |
| 7 | — | — | — | .14 | | .19 | — | — | — | .30 | .23 | .31 | | 7 |
| 8 | — | — | — | .16 | — | .02 | — | — | — | .35 | .19 | .42 | | 8 |
| 9 | .04 | — | — | .26 | — | .04 | — | — | .03 | 1.76 | .23 | — | | 9 |
| 10 | .01 | .14 | — | .09 | — | .05 | — | — | — | .72 | .34 | — | | 10 |
| 11 | .38 | .04 | — | — | — | .34 | — | .02 | .01 | .52 | .06 | .02 | | 11 |
| 12 | .02 | .22 | — | — | — | .39 | — | — | .06 | .01 | .01 | — | | 12 |
| 13 | .25 | .05 | — | .09 | .36 | .01 | — | — | .19 | .05 | .03 | — | | 13 |
| 14 | .01 | .01 | — | .01 | .01 | .12 | .03 | — | .04 | .01 | .92 | .35 | | 14 |
| 15 | — | 1.09 | — | .41 | .05 | — | .01 | — | .28 | .07 | .01 | .49 | | 15 |
| 16 | — | .36 | .10 | .42 | .09 | .21 | .08 | — | .74 | .02 | .27 | — | | 16 |
| 17 | — | .01 | — | .30 | .72 | .30 | .44 | .13 | .23 | .56 | .39 | — | | 17 |
| 18 | — | .03 | — | .11 | .15 | .05 | .26 | .01 | .46 | .23 | .07 | — | | 18 |
| 19 | — | .02 | — | .20 | .15 | .35 | .31 | — | .01 | .10 | .32 | — | | 19 |
| 20 | — | .50 | .01 | .59 | — | .27 | .06 | — | — | .03 | .02 | — | | 20 |
| 21 | — | .13 | .04 | .02 | — | .01 | .03 | — | 1.28 | .11 | — | .26 | | 21 |
| 22 | .02 | .18 | .02 | .01 | — | — | — | — | .17 | .01 | — | — | | 22 |
| 23 | .04 | .02 | .83 | .07 | — | — | — | .15 | .05 | .56 | — | — | | 23 |
| 24 | .57 | .50 | .09 | — | — | — | — | — | .81 | .09 | — | .11 | | 24 |
| 25 | .15 | .01 | .12 | — | — | .49 | — | — | .01 | — | .05 | .20 | | 25 |
| 26 | — | — | — | — | — | — | .04 | 1.09 | .55 | .32 | .10 | .27 | | 26 |
| 27 | — | .05 | — | — | .07 | .13 | .28 | .01 | .19 | 1.11 | .43 | .04 | | 27 |
| 28 | .04 | .33 | — | — | .01 | — | — | .16 | .17 | .63 | .08 | .01 | | 28 |
| 29 | .01 | | .05 | — | — | .03 | — | .21 | .38 | .30 | .10 | .09 | | 29 |
| 30 | .18 | × | .01 | — | — | .33 | — | .26 | .30 | .42 | .73 | .11 | | 30 |
| 31 | .10 | × | .02 | × | — | × | — | — | × | .11 | × | .43 | | 31 |
| TOTAL | 3·24 ~~3.24~~ | 5.69 | 1.77 | 3.46 | 1.62 | 5.31 | 1.99 | 2.05 | 7.38 | 9.30 | 5.05 | 4.33 | Year's Total. ~~51.19~~ | 51·19 |
| * Days with .01 in. or more. | 17 | 23 | 16 | 20 | 10 | 24 | 14 | 10 | 25 | 28 | 25 | 20 | 232 | |
| * Days with .04 in. or more. | 12 | 16 | 9 | 16 | 7 | 20 | 10 | 6 | 20 | 22 | 20 | 17 | 175 | |

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* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(Signed) Mary W. H. Taylor

[P.T.O.

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | .06 | .14 | .04 | .20 | — | — | .03 | .49 | .09 | — | .30 | .35 | | 1 |
| 2 | .03 | .07 | — | .07 | — | .18 | — | .06 | .02 | .01 | .19 | .42 | | 2 |
| 3 | .01 | — | — | — | — | .28 | .11 | .26 | .73 | — | — | .11 | | 3 |
| 4 | .06 | .31 | .27 | — | — | .04 | — | .02 | .74 | — | .22 | .23 | | 4 |
| 5 | .27 | .08 | .49 | — | — | .01 | — | .44 | .42 | — | .03 | .33 | | 5 |
| 6 | .09 | — | — | — | .03 | .04 | .15 | .33 | .84 | — | .15 | — | | 6 |
| 7 | .01 | — | .18 | — | — | — | .05 | — | .99 | — | .24 | .53 | | 7 |
| 8 | .26 | — | .36 | — | — | — | .01 | — | .02 | — | .59 | .09 | | 8 |
| 9 | .25 | — | .07 | — | — | .07 | .54 | — | .25 | .01 | 1.16 | — | | 9 |
| 10 | .07 | — | — | — | — | — | .07 | — | .01 | — | .30 | .03 | | 10 |
| 11 | — | — | .01 | — | — | .13 | .75 | .06 | .07 | — | .55 | — | | 11 |
| 12 | — | — | — | .01 | — | .60 | .59 | — | .60 | .18 | .02 | — | | 12 |
| 13 | — | — | — | .02 | .03 | — | .09 | — | .01 | .30 | — | — | | 13 |
| 14 | — | — | — | .04 | — | .34 | .02 | .15 | .14 | .23 | .15 | .66 | | 14 |
| 15 | .21 | — | — | .14 | .19 | .09 | .04 | .28 | .04 | — | .37 | 1.29 | | 15 |
| 16 | .01 | .13 | .03 | .02 | .04 | .01 | .07 | — | — | .02 | .82 | .12 | | 16 |
| 17 | .12 | .54 | .02 | .03 | .01 | — | .16 | .17 | — | .31 | .06 | .01 | | 17 |
| 18 | — | .01 | — | .07 | — | .05 | .49 | .12 | — | 1.03 | — | .15 | | 18 |
| 19 | — | .27 | .01 | .13 | — | .19 | .11 | .06 | — | .17 | — | — | | 19 |
| 20 | .32 | .15 | — | — | — | — | .03 | .44 | — | .03 | — | — | | 20 |
| 21 | .45 | .01 | .02 | .12 | — | .07 | .01 | — | — | .17 | — | .02 | | 21 |
| 22 | .25 | .22 | .06 | — | — | 1.00 | .41 | — | — | — | — | .08 | | 22 |
| 23 | .01 | .04 | .10 | .29 | — | — | .90 | — | — | .05 | — | .01 | | 23 |
| 24 | .20 | .01 | — | .05 | .09 | — | — | — | .20 | .41 | — | .03 | | 24 |
| 25 | .36 | — | .06 | .04 | — | — | .12 | — | .41 | .48 | — | .02 | | 25 |
| 26 | .07 | .25 | — | .01 | — | — | .06 | — | .25 | .71 | — | .01 | | 26 |
| 27 | .93 | .02 | — | — | — | — | — | — | .05 | .56 | — | — | | 27 |
| 28 | .20 | .16 | .18 | .01 | — | .03 | .10 | — | — | .01 | .02 | .10 | | 28 |
| 29 | .06 | .24 | .83 | — | .31 | .84 | — | — | — | .19 | .33 | .02 | | 29 |
| 30 | .34 | ✕ | — | — | .27 | .09 | .55 | .04 | — | .48 | .24 | .04 | | 30 |
| 31 | .09 | ✕ | .03 | ✕ | — | ✕ | .06 | .06 | ✕ | .02 | ✕ | .68 | | 31 |
| TOTAL | 4.71 | 2.65 | 2.76 | 1.25 | .97 | 4.06 | 5.52 | 2.96 | 5.88 | 5.37 | 5.74 | 5.33 | Year's Total 47.20 | ✓ |
| * Days with .01 in. or more. | 25 | 17 | 17 | 16 | 8 | 18 | 25 | 15 | 19 | 20 | 18 | 23 | 221 | ✓ |
| * Days with .04 in. or more. | 22 | 13 | 12 | 10 | 5 | 15 | 20 | 14 | 15 | 14 | 15 | 15 | 170 | ✓ |

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) Mary W. H. Taylor J.S. [P.T.O.

(Mrs Frank Taylor J.S.)

COPY FOR OFFICIAL USE

**Section** **A** for the entry of Daily Observations  Station No. 2849

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1937

*Kept at* Bloomfield Heaton Bolton

*in the County of* Lancaster

Diameter of Funnel of Gauge five in.

Height of top of Gauge above Ground one ft. — in.

,, Ground ,, Sea Level 530 ft.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | .02 | .14 | .14 | — | — | — | .09 | — | .25 | .04 | — | .10 | | 1 |
| 2 | .10 | .25 | .20 | .19 | — | — | — | — | .04 | .02 | — | — | | 2 |
| 3 | — | .21 | — | .02 | .07 | .58 | .07 | — | .01 | — | — | — | | 3 |
| 4 | .33 | .04 | .02 | .10 | .21 | — | .01 | — | — | — | — | .41 | | 4 |
| 5 | 1.16 | — | .02 | .02 | .03 | .07 | .01 | — | .02 | — | — | .20 | | 5 |
| 6 | — | — | — | .19 | .19 | — | — | .26 | .06 | .02 | — | .03 | | 6 |
| 7 | .02 | .26 | — | .32 | .12 | .14 | — | — | .05 | — | — | — | | 7 |
| 8 | .02 | .66 | — | .07 | — | .09 | .08 | — | .01 | — | .05 | .36 | | 8 |
| 9 | .03 | .13 | .01 | .06 | .30 | — | .85 | .28 | — | — | — | .18 | | 9 |
| 10 | .01 | .22 | — | — | — | — | .07 | — | — | — | — | .34 | | 10 |
| 11 | — | .02 | .19 | — | .57 | — | .01 | — | — | — | — | — | | 11 |
| 12 | .05 | .54 | .21 | — | .02 | .42 | .08 | .35 | .40 | — | — | .39 | | 12 |
| 13 | — | .28 | — | — | — | .05 | — | .75 | .02 | — | — | .30 | | 13 |
| 14 | — | .10 | — | — | — | — | — | .39 | .14 | — | .07 | .21 | | 14 |
| 15 | .20 | .51 | — | .39 | — | — | .24 | — | .55 | — | — | .23 | | 15 |
| 16 | .11 | .50 | .17 | .72 | — | — | — | .19 | .03 | — | — | — | | 16 |
| 17 | .07 | .05 | .26 | .53 | — | .03 | — | .02 | .07 | — | — | — | | 17 |
| 18 | .33 | .40 | .07 | .22 | .03 | — | .01 | .37 | .01 | — | .42 | — | | 18 |
| 19 | .15 | .20 | .10 | .27 | — | .02 | .06 | .07 | — | — | .55 | — | | 19 |
| 20 | .02 | .05 | .01 | .29 | .20 | .16 | — | — | .01 | — | — | .19 | | 20 |
| 21 | — | .07 | .01 | .33 | .02 | — | .56 | — | — | .14 | — | .11 | | 21 |
| 22 | .18 | .12 | .13 | .04 | .05 | — | .19 | — | — | .40 | .23 | .13 | | 22 |
| 23 | — | — | — | — | .35 | — | .23 | — | — | .41 | .22 | — | | 23 |
| 24 | .08 | .32 | .16 | — | .02 | | .06 | — | .30 | .38 | — | .09 | | 24 |
| 25 | .08 | .46 | — | — | — | — | .01 | .24 | .01 | .07 | — | .07 | | 25 |
| 26 | — | .23 | .13 | — | .42 | — | — | .02 | .10 | — | — | .04 | | 26 |
| 27 | — | .73 | .03 | .18 | — | — | — | — | — | .56 | — | .02 | | 27 |
| 28 | — | .18 | — | — | — | .03 | — | — | — | .16 | — | — | | 28 |
| 29 | — | — | — | — | — | .05 | — | — | — | .04 | .15 | — | | 29 |
| 30 | .13 | ✗ | — | — | — | .42 | — | — | .01 | .10 | .58 | — | | 30 |
| 31 | .34 | ✗ | — | ✗ | — | ✗ | — | .08 | ✗ | .18 | ✗ | — | | 31 |
| TOTAL | 3.43 | 667 | 1.86 | 3.94 | 2.60 | 2.06 | 2.63 | 3.02 | 2.09 | 2.52 | 2.27 | 3.40 | Year's Total<br>36.49 | ✓ |
| * Days with .01 in. or more. | 20 | 25 | 17 | 17 | 15 | 12 | 17 | 12 | 19 | 13 | 8 | 18 | 193 | ✓ |
| * Days with .04 in. or more. | 14 | 24 | 11 | 15 | 10 | 9 | 12 | 10 | 10 | 11 | 8 | 16 | 150 | ✓ |

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(Signed) Mary W. H. Taylor

(Mrs Frank Taylor. J.P.

P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 2849

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1938

*Kept at* Bloomfield Heaton, Bolton

*in the County of* Lancaster

Diameter of Funnel of Gauge five in.

Height of top of Gauge above Ground one ft. ......... in.

,, Ground ,, Sea Level 530 ft.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

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| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | — | .02 | — | .04 | — | .81 | .01 | .29 | — | .18 | .25 | .51 | | 1 |
| 2 | — | .02 | — | .38 | — | .40 | .02 | — | .08 | 1.08 | .02 | .26 | | 2 |
| 3 | .05 | — | .01 | — | — | .05 | .03 | — | .48 | 1.37 | .23 | — | | 3 |
| 4 | .02 | — | .01 | .15 | — | .12 | .05 | .08 | .01 | .28 | .08 | .95 | | 4 |
| 5 | .09 | — | — | .05 | — | .04 | .13 | .69 | .17 | .93 | — | .06 | | 5 |
| 6 | .20 | — | — | .01 | — | .06 | .06 | .01 | .87 | .36 | — | .06 | | 6 |
| 7 | .46 | .02 | — | — | — | — | .32 | .05 | .08 | .36 | — | — | | 7 |
| 8 | .48 | — | — | — | — | — | .88 | .04 | — | .94 | — | .37 | | 8 |
| 9 | .18 | .46 | .38 | — | — | .69 | .70 | .02 | — | .06 | — | .14 | | 9 |
| 10 | .02 | .10 | .21 | — | — | .06 | .14 | — | .01 | .13 | — | .18 | | 10 |
| 11 | .19 | .13 | — | — | .10 | .06 | .51 | 1.10 | .11 | .24 | .08 | .07 | | 11 |
| 12 | .20 | — | — | — | .26 | — | .10 | .37 | .02 | 1.50 | .56 | — | | 12 |
| 13 | .03 | .02 | — | — | .07 | — | .04 | — | .09 | .06 | .17 | .18 | | 13 |
| 14 | .10 | .02 | — | — | .22 | .04 | .10 | — | .14 | — | .01 | — | | 14 |
| 15 | .21 | — | — | — | .02 | .03 | .17 | .35 | .01 | .04 | — | .11 | | 15 |
| 16 | .33 | — | .09 | — | .16 | — | .11 | .13 | .04 | .06 | .14 | .07 | | 16 |
| 17 | — | — | — | — | .59 | — | .13 | .22 | .11 | .59 | .05 | .06 | | 17 |
| 18 | .06 | — | — | — | .12 | .05 | — | .58 | .06 | .35 | .28 | — | | 18 |
| 19 | — | — | — | — | — | .03 | — | .28 | .09 | — | .01 | — | | 19 |
| 20 | .31 | — | .05 | — | — | — | .01 | .06 | .11 | — | .39 | .01 | | 20 |
| 21 | .06 | — | .05 | — | — | — | — | .16 | .02 | — | .07 | .02 | | 21 |
| 22 | — | — | — | — | .05 | .25 | — | — | — | — | .55 | .01 | | 22 |
| 23 | — | — | — | — | .21 | .35 | — | — | .09 | — | .67 | — | | 23 |
| 24 | .18 | .12 | .24 | — | .10 | .07 | — | — | .02 | .04 | .20 | — | | 24 |
| 25 | .21 | .36 | .12 | — | .84 | .13 | .10 | — | — | .57 | .58 | .10 | | 25 |
| 26 | .38 | .37 | .49 | — | .15 | .23 | .01 | — | .08 | .54 | .21 | .27 | | 26 |
| 27 | .57 | .16 | .02 | — | .50 | .43 | .19 | .20 | .05 | — | .38 | .70 | | 27 |
| 28 | .15 | .05 | .20 | — | .04 | .77 | .18 | .10 | .07 | .08 | .03 | .11 | | 28 |
| 29 | .26 | | .12 | — | 1.69 | .19 | .31 | — | .01 | .17 | .10 | .70 | | 29 |
| 30 | .39 | | — | — | .34 | .03 | .05 | — | .53 | — | .27 | .11 | | 30 |
| 31 | .19 | | .14 | | .45 | | — | — | | .52 | | 1.10 | | 31 |
| TOTAL | 5.32 | 1.85 | 2.13 | .63 | 5.11 | 4.69 | 4.35 | 4.73 | 3.35 | 10.45 | 5.33 | 6.15 | Year's Total<br>54.09 | 54.09 |
| * Days with .01 in. or more. | 25 | 13 | 14 | 5 | 18 | 22 | 24 | 18 | 25 | 23 | 23 | 23 | 233 | |
| * Days with .04 in. or more. | 22 | 8 | 11 | 4 | 17 | 19 | 21 | 16 | 18 | 23 | 19 | 20 | 198 | |

† Spare column, no entries required.

(Signed) Mary Taylor (Mrs. Frank Taylor J.P.

* See Instruction 3 (f) on other side.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 2849

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1939

*Kept at* Bloomfield Heaton Bolton

*in the County of* Lancaster

Diameter of Funnel of Gauge five in.

Height of top of Gauge above Ground one ft. in.

,, Ground ,, Sea Level 530 ft.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | .60 | — | .09 | .26 | — | — | .11 | .03 | .01 | — | — | .23 | | 1 |
| 2 | .08 | — | — | .16 | — | — | .34 | .66 | — | — | .10 | .09 | | 2 |
| 3 | .09 | — | .05 | .13 | — | — | — | .06 | .83 | — | .05 | .96 | | 3 |
| 4 | .14 | — | .20 | .27 | .08 | — | .30 | .02 | .13 | .07 | .03 | .77 | | 4 |
| 5 | — | .01 | — | — | .49 | — | .20 | .09 | — | .14 | .24 | .01 | | 5 |
| 6 | 1.18 | .25 | .01 | — | .16 | — | .49 | .08 | — | — | .07 | — | | 6 |
| 7 | .15 | .24 | .03 | — | — | — | .12 | .04 | — | — | .10 | .55 | | 7 |
| 8 | .30 | .10 | .38 | .06 | — | — | .62 | .11 | — | .17 | .25 | .33 | | 8 |
| 9 | .08 | .44 | — | — | — | — | .05 | .46 | — | .45 | .08 | .52 | | 9 |
| 10 | .21 | .04 | .05 | — | — | .09 | — | .06 | .37 | .27 | .02 | .15 | | 10 |
| 11 | .35 | .06 | .25 | — | — | .30 | — | — | — | — | .01 | — | | 11 |
| 12 | .51 | .10 | — | — | — | — | — | — | — | .12 | .02 | — | | 12 |
| 13 | — | — | .03 | .27 | .14 | .40 | .35 | — | .14 | .02 | — | — | | 13 |
| 14 | .74 | .06 | — | .05 | .24 | .61 | .33 | — | — | — | .30 | — | | 14 |
| 15 | .20 | .06 | — | .94 | .02 | .98 | .11 | — | — | — | .10 | — | | 15 |
| 16 | .08 | — | .16 | .02 | .30 | — | .21 | — | — | .19 | — | — | | 16 |
| 17 | .77 | .36 | .01 | — | .24 | .03 | — | — | — | .45 | .23 | — | | 17 |
| 18 | .13 | .36 | .07 | — | — | .21 | .17 | — | — | — | .78 | — | | 18 |
| 19 | .26 | .01 | — | — | — | — | .39 | — | — | — | .01 | — | | 19 |
| 20 | .09 | — | .08 | — | — | .03 | .18 | .09 | — | — | — | — | | 20 |
| 21 | .15 | .05 | .57 | .15 | .02 | — | .09 | .21 | .04 | — | — | — | | 21 |
| 22 | .13 | .30 | .22 | .33 | — | — | .07 | — | — | .03 | .76 | — | | 22 |
| 23 | .04 | .36 | .02 | .33 | — | .08 | .02 | — | — | .66 | .21 | — | | 23 |
| 24 | — | .22 | .02 | .06 | — | — | .05 | — | — | .04 | .02 | .01 | | 24 |
| 25 | .06 | .11 | — | .04 | — | — | — | — | — | — | 1.26 | — | | 25 |
| 26 | — | .01 | — | — | — | — | — | — | — | .08 | .28 | — | | 26 |
| 27 | — | 1.50 | .02 | .01 | — | .45 | .09 | — | — | — | .23 | .08 | | 27 |
| 28 | — | .30 | .08 | — | — | .27 | .86 | — | — | — | .95 | — | | 28 |
| 29 | — | — | .01 | — | — | — | 1.64 | — | — | .08 | .10 | — | | 29 |
| 30 | — | ✖ | — | — | — | — | .14 | — | — | — | .34 | — | | 30 |
| 31 | — | ✖ | — | ✖ | — | ✖ | .09 | — | ✖ | .01 | ✖ | — | | 31 |
| TOTAL | 6.34 | 4.94 | 2.35 | 3.08 | 1.69 | 3.45 | 7.02 | 1.91 | 1.52 | 2.78 | 6.54 | 3.70 | Year's Total 45.32 | |
| * Days with .01 in. or more. | 22 | 21 | 20 | 15 | 9 | 11 | 24 | 12 | 6 | 15 | 25 | 11 | 191 | |
| * Days with .04 in. or more. | 22 | 18 | 12 | 13 | 7 | 9 | 23 | 10 | 5 | 13 | 19 | 9 | 160 | |

* See Instruction 3 (f) on other side.

† Spare column, n[illegible] required.

(*Signed*) Mrs. Frank Taylor J.P.

[P.T.O.

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Station No. 2849

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FORM 1090

# REGISTER OF RAINFALL IN 19340

*Kept at* Bloomfield Heaton Bolton

*in the County of* Lancaster

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. — in.

" Ground " Sea Level 530 ft.

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | — | — | — | .27 | — | — | .02 | — | — | — | .49 | .24 | | 1 |
| 2 | — | — | — | .28 | — | — | .26 | — | — | — | .50 | .26 | | 2 |
| 3 | — | .05 | .01 | .41 | — | — | .77 | — | — | .04 | .07 | .22 | | 3 |
| 4 | — | .16 | — | .04 | — | — | .23 | — | — | .24 | .19 | .30 | | 4 |
| 5 | — | .08 | — | — | .15 | — | .08 | — | .01 | .35 | .04 | .44 | | 5 |
| 6 | .16 | .25 | — | — | — | — | .09 | .15 | — | .68 | .07 | .03 | | 6 |
| 7 | .07 | .23 | — | .27 | .03 | — | .37 | .02 | .16 | .05 | — | .01 | | 7 |
| 8 | .01 | — | .04 | .09 | — | — | .86 | .08 | — | .23 | .08 | .35 | | 8 |
| 9 | — | — | .30 | — | — | — | .36 | .31 | .39 | .69 | 1.63 | .40 | | 9 |
| 10 | — | — | .05 | — | — | .02 | — | — | — | .19 | .46 | .50 | | 10 |
| 11 | — | — | .08 | .19 | — | .06 | .07 | — | — | — | 1.52 | .02 | | 11 |
| 12 | — | — | .30 | — | — | — | .10 | .12 | .43 | — | .38 | — | | 12 |
| 13 | — | .01 | .27 | — | — | — | — | .11 | .46 | — | .09 | .06 | | 13 |
| 14 | — | .04 | .03 | .35 | .11 | .03 | .05 | .19 | .16 | — | .23 | .44 | | 14 |
| 15 | — | — | .02 | .20 | .18 | — | — | — | .14 | — | .12 | .05 | | 15 |
| 16 | .03 | .23 | .18 | — | — | — | .18 | — | 1.20 | .41 | .05 | .21 | | 16 |
| 17 | — | — | .59 | — | .52 | — | .16 | — | .15 | — | .57 | .03 | | 17 |
| 18 | .04 | .19 | .11 | .36 | — | — | .03 | .65 | .34 | — | — | .34 | | 18 |
| 19 | — | .27 | .21 | .02 | — | — | .12 | .02 | .35 | .01 | .32 | — | | 19 |
| 20 | — | .01 | .02 | .32 | — | .33 | .09 | .35 | .16 | .27 | .15 | — | | 20 |
| 21 | — | — | .25 | .01 | .17 | .25 | .06 | .06 | — | .03 | .60 | — | | 21 |
| 22 | — | — | .06 | — | .13 | — | — | .19 | .23 | — | — | — | | 22 |
| 23 | — | .16 | .02 | .14 | .02 | .01 | .15 | — | .10 | — | .20 | | | 23 |
| 24 | .59 | .01 | — | — | .03 | .17 | — | — | .02 | .01 | — | | | 24 |
| 25 | .02 | — | — | — | .01 | .05 | .61 | — | — | — | — | | | 25 |
| 26 | .75 | .25 | .02 | — | — | — | .27 | .03 | — | — | .06 | | | 26 |
| 27 | .92 | .82 | — | .27 | .05 | — | .25 | — | — | — | .16 | | | 27 |
| 28 | .27 | .18 | — | — | — | .36 | — | .03 | — | — | — | .07 | | 28 |
| 29 | .38 | — | .48 | .01 | .01 | — | .10 | — | .01 | .02 | .03 | .97 | | 29 |
| 30 | — | ✕ | — | .02 | .10 | — | — | .07 | — | .44 | — | .84 | | 30 |
| 31 | .16 | ✕ | .09 | ✕ | — | ✕ | — | .10 | ✕ | .78 | ✕ | .02 | | 31 |
| TOTAL | 3.40 | 2.94 | 3.13 | 3.25 | 1.51 | 1.28 | 5.68 | 2.48 | 4.31 | 4.44 | 8.01 | 5.30 | Year's Total 45.73 | |
| * Days with .01 in. or more. | 12 | 16 | 20 | 17 | 13 | 9 | 23 | 16 | 16 | 16 | 23 | 21 | 202 | |
| * Days with .04 in. or more. | 9 | 13 | 15 | 13 | 8 | 6 | 21 | 12 | 13 | 12 | 22 | 16 | 160 | |

* See Instruction 3 (f) on other side.

† Spare column, no entries required

(*Signed*) Mary Taylor J.P.
Mrs. Frank Taylor

[P.T.O.

2850

Section **A** for the en

AIR MIN

FORM 1009.

**REC**

Kept at SMITHILLS

in the County of LA

Diameter of Funnel of Gauge

Height of top of Gauge above

,, Ground ,,

**THE MORNING M**

*An observer who does not confo*
*year in the space on the right*

# 2850

# BOLTON, SMITHILLS HALL

# 1931 —— 36

780501

**FOR OFFICIAL USE.**

FALL ORGANIZATION.

31 .

8/o 133.

**DAY.**

*the following*

Jan. 1, following

| Date | Jan. | Feb. | Ma |  |  |  |  |  |  | ct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. |  |
| 1 | ·16 | ·01 | – | ·05 | – | – | – | – | ·03 | ·17 | – | ·01 | 1 |
| 2 | ·03 | ·12 | – | ·56 | ·01 | 1·19 | – | – | 1·13 | ·04 | ·04 | ·09 | 2 |
| 3 | – | – | – | ·04 | – | ·14 | ·35 | – | ·31 | ·05 | 1·15 | ·21 | 3 |
| 4 | – | ·02 | – | ·49 | – | – | ·12 | ·05 | ·81 | ·05 | ·14 | ·43 | 4 |
| 5 | – | ·16 | – | – | ·13 | ·95 | ·34 | ·87 | ·19 | – | – | ·38 | 5 |
| 6 | – | ·29 | – | ·02 | ·06 | ·45 | ·10 | ·02 | ·25 | ·70 | ·31 | ·03 | 6 |
| 7 | ·04 | ·03 | – | – | – | ·55 | – | ·40 | – | ·32 | ·11 | ·14 | 7 |
| 8 | ·09 | ·29 | – | ·11 | – | – | ·14 | ·32 | ·04 | ·02 | ·19 | – | 8 |
| 9 | ·01 | ·66 | ·01 | ·23 | – | ·05 | – | ·63 | ·07 | ·08 | ·31 | ·29 | 9 |
| 10 | ·11 | ·25 | – | – | ·21 | ·95 | – | ·25 | ·06 | – | ·42 | ·02 | 10 |
| 11 | ·98 | ·80 | – | ·14 | – | ·03 | – | – | ·57 | – | ·64 | ·03 | 11 |
| 12 | ·07 | ·40 | – | ·04 | – | ·03 | ·20 | ·05 | ·08 | ·30 | ·08 | – | 12 |
| 13 | – | – | ·24 | – | ·17 | ·03 | ·20 | ·07 | – | – | – | – | 13 |
| 14 | ·21 | ·19 | – | ·02 | ·03 | 1·25 | ·15 | ·50 | ·02 | – | ·66 | ·04 | 14 |
| 15 | ·81 | ·40 | – | ·26 | ·14 | – | ·20 | ·55 | – | – | – | ·05 | 15 |
| 16 | ·44 | ·13 | – | ·47 | ·24 | ·16 | ·10 | ·93 | ·32 | – | – | – | 16 |
| 17 | ·06 | ·03 | – | ·16 | ·12 | ·56 | ·10 | ·42 | ·15 | – | ·17 | – | 17 |
| 18 | ·83 | – | – | ·04 | – | ·06 | ·80 | ·17 | – | – | ·66 | – | 18 |
| 19 | ·38 | ·30 | – | ·01 | – | – | ·75 | 1·18 | – | ·08 | – | – | 19 |
| 20 | ·03 | ·23 | ·10 | – | – | ·39 | ·19 | ·14 | – | – | ·05 | ·01 | 20 |
| 21 | ·59 | ·10 | ·14 | ·01 | ·17 | ·09 | ·05 | ·10 | – | – | – | – | 21 |
| 22 | ·38 | ·04 | – | ·13 | ·17 | ·06 | ·03 | – | – | – | ·14 | – | 22 |
| 23 | ·31 | – | – | ·20 | ·28 | ·29 | ·12 | – | – | – | ·86 | ·38 | 23 |
| 24 | ·04 | ·46 | – | ·13 | ·62 | – | ·07 | – | – | – | ·15 | ·13 | 24 |
| 25 | ·50 | 1·13 | – | ·32 | ·06 | – | ·01 | – | – | – | ·07 | ·35 | 25 |
| 26 | ·08 | ·12 | – | ·72 | – | – | ·01 | – | – | – | ·82 | ·11 | 26 |
| 27 | ·69 | ·12 | – | ·13 | ·16 | – | ·41 | – | – | ·52 | 1·62 | ·03 | 27 |
| 28 | ·95 | ·47 | – | ·06 | ·25 | – | ·25 | – | ·08 | – | – | ·07 | 28 |
| 29 | ·33 | X | – | ·01 | ·27 | – | ·15 | – | – | ·94 | ·01 | – | 29 |
| 30 | ·04 | X | – | ·03 | – | – | ·02 | – | ·22 | – | – | – | 30 |
| 31 | ·65 | X | – | X | – | X | ·09 | – | X | ·03 | X |  | 31 |
| TOTAL | 8·81 | 6·75 | ·49 | 4·38 | 3·09 | 7·23 | 4·95 | 6·55 | 4·33 | 3·30 | 8·60 | 2·80 | YEAR'S TOTAL 41·38 |
| *Days with ·01 in. or more. | 26 | 24 | 4 | 25 | 17 | 18 | 25 | 17 | 16 | 13 | 21 | 19 | 225 |
| *Days with ·04 in. or more. | 23 | 20 | 3 | 19 | 15 | 15 | 21 | 16 | 14 | 11 | 20 | 13 | 190 |

40-9999

p.p.
(Signed) Nigel V Ainsworth
P Lowther Estate Bailiff

[P.T.O.

*See Instruction 2 (*f*) on other side.

2850

**Section** A **for the en**

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1009.

# REGISTER OF RAINFALL IN 1931.

*Kept at* SMITHILLS HALL BOLTON

*in the County of* LANCASHIRE

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft 2 in.

,, Ground ,, Sea Level 510 ft.

Aw 46.1 8/0 133.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·16 | ·01 | — | ·05 | — | — | — | — | ·03 | ·17 | — | ·01 | 1 |
| 2 | ·03 | ·12 | — | ·56 | ·01 | 1·19 | — | — | 1·13 | ·04 | ·04 | ·09 | 2 |
| 3 | — | — | — | ·04 | — | ·14 | ·35 | — | ·31 | ·05 | 1·15 | ·21 | 3 |
| 4 | — | ·02 | — | ·49 | — | — | ·12 | ·05 | ·81 | ·05 | ·14 | ·43 | 4 |
| 5 | — | ·16 | — | — | ·13 | ·95 | ·34 | ·87 | ·19 | — | — | ·38 | 5 |
| 6 | — | ·29 | — | ·02 | ·06 | ·45 | ·10 | ·02 | ·25 | ·70 | ·31 | ·03 | 6 |
| 7 | ·04 | ·03 | — | — | — | ·55 | — | ·40 | — | ·32 | ·11 | ·14 | 7 |
| 8 | ·09 | ·29 | — | ·11 | — | — | ·14 | ·32 | ·04 | ·02 | ·19 | — | 8 |
| 9 | ·01 | ·66 | ·01 | ·23 | — | ·05 | — | ·63 | ·07 | ·08 | ·31 | ·29 | 9 |
| 10 | ·11 | ·25 | — | — | ·21 | ·95 | — | ·25 | ·06 | — | ·42 | ·02 | 10 |
| 11 | ·98 | ·80 | — | ·14 | — | ·03 | — | — | ·57 | — | ·64 | ·03 | 11 |
| 12 | ·07 | ·40 | — | ·04 | — | ·03 | ·20 | ·05 | ·08 | ·30 | ·08 | — | 12 |
| 13 | — | — | ·24 | — | ·17 | ·03 | ·20 | ·07 | — | — | — | — | 13 |
| 14 | ·21 | ·19 | — | ·02 | ·03 | 1·25 | ·15 | ·50 | ·02 | — | ·66 | ·04 | 14 |
| 15 | ·81 | ·40 | — | ·26 | ·14 | — | ·20 | ·55 | — | — | — | ·05 | 15 |
| 16 | ·44 | ·13 | — | ·47 | ·24 | ·16 | ·10 | ·93 | ·32 | — | — | — | 16 |
| 17 | ·06 | ·03 | — | ·16 | ·12 | ·56 | ·10 | ·42 | ·15 | — | ·17 | — | 17 |
| 18 | ·83 | — | — | ·04 | — | ·06 | ·80 | ·17 | — | — | ·66 | — | 18 |
| 19 | ·38 | ·30 | — | ·01 | — | — | ·75 | 1·18 | — | ·08 | — | — | 19 |
| 20 | ·03 | ·23 | ·10 | — | — | ·39 | ·19 | ·14 | — | — | ·05 | ·01 | 20 |
| 21 | ·59 | ·10 | ·14 | ·01 | ·17 | ·09 | ·05 | ·10 | — | — | — | — | 21 |
| 22 | ·38 | ·04 | — | ·13 | ·17 | ·06 | ·03 | — | — | — | ·14 | — | 22 |
| 23 | ·31 | — | — | ·20 | ·28 | ·29 | ·12 | — | — | — | ·86 | ·38 | 23 |
| 24 | ·04 | ·46 | — | ·13 | ·62 | — | ·07 | — | — | — | ·15 | ·13 | 24 |
| 25 | ·50 | 1·13 | — | ·32 | ·06 | — | ·01 | — | — | — | ·07 | ·35 | 25 |
| 26 | ·08 | ·12 | — | ·72 | — | — | ·01 | — | — | — | ·82 | ·11 | 26 |
| 27 | ·69 | ·12 | — | ·13 | ·16 | — | ·41 | — | — | ·52 | 1·62 | ·03 | 27 |
| 28 | ·95 | ·47 | — | ·06 | ·25 | — | ·25 | — | ·08 | — | — | ·07 | 28 |
| 29 | ·33 | × | — | ·01 | ·27 | — | ·15 | — | — | ·94 | ·01 | — | 29 |
| 30 | ·04 | × | — | ·03 | — | — | ·02 | — | ·22 | — | — | — | 30 |
| 31 | ·65 | × | — | × | — | × | ·09 | — | × | ·03 | × | | 31 |
| TOTAL | 8·81 | 6·75 | ·49 | 4·38 | 3·09 | 7·23 | 4·95 | 6·55 | 4·33 | 3·30 | 8·60 | 2·80 | YEAR'S TOTAL 61·38 |
| *Days with ·01 in. or more. | 26 | 24 | 4 | 25 | 17 | 18 | 25 | 17 | 16 | 13 | 21 | 19 | 225 |
| *Days with ·04 in. or more. | 23 | 20 | 3 | 19 | 15 | 15 | 21 | 16 | 14 | 11 | 20 | 13 | 190 |

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p.p.
(Signed) Nigel V Ainsworth
P Lowther Estate Bailiff

[P.T.O.

*See Instruction 2 (*f*) on other side.

2850

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2850

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1932.

*Kept at* Smithills Hall

*in the County of* Lancashire

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 2 in.

,, Ground ,, Sea Level 510 ft.

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| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | .43 | — | — | .48 | .06 | — | .12 | — | .82 | .14 | .17 | .18 | 1 |
| 2 | 1.20 | .01 | — | — | .24 | — | .04 | .10 | 1.34 | .17 | .13 | .56 | 2 |
| 3 | .01 | — | — | .05 | — | — | .09 | — | .13 | .03 | .02 | .21 | 3 |
| 4 | .07 | — | — | — | — | — | .25 | — | .07 | .08 | .11 | .05 | 4 |
| 5 | 1.15 | — | .15 | .50 | — | — | .03 | — | .14 | — | — | — | 5 |
| 6 | .95 | — | .15 | .37 | — | — | — | — | .28 | — | — | — | 6 |
| 7 | .09 | — | .64 | .15 | .01 | — | — | — | .25 | .64 | — | — | 7 |
| 8 | — | — | — | .12 | .01 | — | — | — | .17 | .68 | — | — | 8 |
| 9 | .13 | — | — | .22 | .07 | — | — | — | .06 | .04 | — | .04 | 9 |
| 10 | .17 | — | — | .06 | — | — | — | — | .82 | .55 | .08 | — | 10 |
| 11 | .06 | — | — | .02 | .83 | .02 | .30 | — | .05 | .02 | — | — | 11 |
| 12 | .36 | .03 | — | — | .63 | — | .09 | .20 | — | .56 | — | — | 12 |
| 13 | .01 | — | — | .07 | .15 | — | .26 | — | .54 | .60 | — | .46 | 13 |
| 14 | .18 | — | — | .11 | — | — | .49 | .15 | — | .19 | .06 | .06 | 14 |
| 15 | — | — | — | — | .87 | — | — | .02 | | .31 | — | .08 | 15 |
| 16 | .26 | — | — | — | — | — | .23 | .12 | | .32 | .07 | .16 | 16 |
| 17 | — | — | — | — | — | — | .06 | — | .07 | .38 | — | — | 17 |
| 18 | — | — | — | — | .13 | — | .01 | — | .03 | .10 | .01 | — | 18 |
| 19 | — | — | — | .21 | .07 | — | .02 | — | | .45 | — | — | 19 |
| 20 | — | — | — | .13 | .37 | — | .07 | .42 | | .21 | .14 | — | 20 |
| 21 | .05 | — | .40 | .02 | .30 | — | — | .33 | | .55 | .18 | .09 | 21 |
| 22 | — | — | .28 | .21 | .03 | — | .08 | — | | .10 | 1.31 | .06 | 22 |
| 23 | — | .01 | — | .07 | .50 | — | .28 | — | | .11 | .07 | .09 | 23 |
| 24 | .07 | — | — | — | .03 | .04 | .34 | — | .17 | — | .18 | .06 | 24 |
| 25 | — | .01 | — | .15 | .07 | — | .01 | — | .11 | 1.42 | .26 | — | 25 |
| 26 | — | — | — | .07 | .20 | — | .75 | — | .23 | .46 | .07 | — | 26 |
| 27 | — | — | .52 | .46 | .25 | .20 | .47 | — | | .03 | .28 | .13 | 27 |
| 28 | — | — | .07 | .10 | .18 | — | .40 | — | | — | — | — | 28 |
| 29 | .20 | — | .82 | .47 | .04 | .14 | .29 | .48 | .14 | 1.10 | .56 | .23 | 29 |
| 30 | — | X | .21 | .04 | — | .42 | .08 | .03 | .10 | .69 | .53 | .07 | 30 |
| 31 | .01 | X | .03 | X | .03 | X | .17 | — | X | — | X | .11 | 31 |
| TOTAL | 5.40 | .09 | 3.27 | 4.08 | 5.07 | .82 | 4.94 | 1.85 | 6.22 | 9.88 | 4.18 | 2.64 | YEAR'S TOTAL<br>48.44 |
| *Days with ·01 in. or more. | 18 | 4 X | 10 | 22 | 22 | 5 | 24 | 9 | 19 | 26 | 18 | 17 | 194~~5~~ |
| *Days with .04 in. or more. | 15 | — | 9 | 20 | 17 | 4 | 20 | 7 | 18 | 22 | 15 | 17 | 164 |

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*See Instruction 2 (*f*) on other side.

P. Pro
(Signed) Nigel V. Ainsworth
P Lowther

P.T.O.

## COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2850

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1933.

*Kept at* Smithills Hall Bolton

*in the County of* Lancashire

Diameter of Funnel of Gauge 8" in.

Height of top of Gauge above Ground 1 ft. 2 in.

,, Ground ,, Sea Level 510 ft.

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | ·02 | ·31 | ·12 | — | ·04 | — | — | ·09 | ·09 | — | ·90 | — | | 1 |
| 2 | ·64 | — | ·22 | ·44 | — | ·19 | — | ·17 | — | — | — | — | | 2 |
| 3 | ·02 | ·71 | ·44 | — | ·27 | — | — | — | — | — | — | — | | 3 |
| 4 | ·34 | ·07 | ·27 | — | ·20 | — | — | — | — | ·02 | ·02 | — | | 4 |
| 5 | ·18 | ·13 | ·07 | — | ·04 | — | — | — | — | — | ·05 | — | | 5 |
| 6 | — | ·17 | ·14 | — | ·11 | — | — | — | — | — | — | — | | 6 |
| 7 | ·08 | ·49 | ·04 | — | ·02 | — | ·21 | ·13 | — | ·53 | — | ·03 | | 7 |
| 8 | ·43 | ·07 | ·22 | ·08 | ·06 | ·02 | — | ·04 | — | — | ·03 | ·04 | | 8 |
| 9 | — | ·48 | — | ·27 | ·18 | — | ·70 | — | — | ·38 | ·29 | — | | 9 |
| 10 | ·22 | — | — | — | ·03 | ·08 | ·36 | — | — | 1·16 | ·31 | — | | 10 |
| 11 | — | — | — | ·01 | — | — | ·27 | ·02 | — | ·37 | — | — | | 11 |
| 12 | ·03 | — | — | — | — | ·10 | ·20 | — | — | ·24 | — | ·04 | | 12 |
| 13 | — | — | ·02 | — | ·19 | — | ·25 | ·05 | ·03 | ·38 | ·28 | — | | 13 |
| 14 | ·25 | — | ·02 | — | — | — | ·11 | ·13 | — | ·02 | ·81 | — | | 14 |
| 15 | ·09 | — | ·08 | — | — | ·02 | — | ·14 | — | ·30 | ·35 | ·08 | | 15 |
| 16 | — | ·10 | ·24 | ·26 | ·05 | ·45 | — | — | — | ·10 | ·05 | ·06 | | 16 |
| 17 | ·12 | — | ·60 | ·08 | — | ·95 | ·01 | ·41 | ·14 | ·01 | ·01 | — | | 17 |
| 18 | — | — | ·32 | — | ·13 | ·95 | — | ·05 | — | — | — | — | | 18 |
| 19 | — | — | ·26 | — | — | ·33 | ·10 | ·02 | ·20 | — | ·11 | ·03 | | 19 |
| 20 | — | ·39 | ·09 | — | ·16 | ·25 | — | ·47 | — | — | — | — | | 20 |
| 21 | — | — | — | — | — | ·02 | — | ·83 | — | — | — | — | | 21 |
| 22 | — | — | — | — | — | — | — | ·07 | — | ·11 | — | — | | 22 |
| 23 | — | — | — | ·38 | — | ·04 | — | ·01 | ·08 | ·11 | — | — | | 23 |
| 24 | — | — | — | ·20 | ·26 | ·05 | — | — | ·48 | — | — | — | | 24 |
| 25 | — | ·20 | — | ·07 | — | — | — | — | ·02 | — | — | ·12 | | 25 |
| 26 | — | 1·25 | — | ·32 | — | — | — | — | — | ·59 | — | — | | 26 |
| 27 | — | ·02 | — | — | ·10 | — | — | — | — | — | — | ·03 | | 27 |
| 28 | — | — | — | ·10 | — | — | ·06 | ·05 | — | ·11 | — | — | | 28 |
| 29 | — | — | — | — | — | — | — | ·01 | — | ·01 | — | ·08 | | 29 |
| 30 | — | × | ·09 | — | ·12 | — | ·33 | — | — | ·39 | — | ·10 | | 30 |
| 31 | ·60 | × | ·08 | × | — | × | ·15 | ·55 | × | ·68 | × | ·17 | | 31 |
| TOTAL | 3·02 | 4·39 | 3·32 | 2·21 | 1·96 | 3·45 | 2·75 | 3·24 | 1·04 | 5·51 | 3·21 | ·78 | Year's Total<br>34·88 ✓ | |
| *Days with ·01 in. or more. | 13 | 13 | 18 | 11 | 16 | 13 | 12 | 18 | 7 | 18 | 12 | 11 | 162 | |
| *Days with .04 in. or more. | 10 | 12 | 16 | 10 | 14 | 10 | 11 | 14 | 5 | 14 | 9 | 8 | 133 | |

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*See Instruction 2 (*f*) on other side.

D

† Spare column, no entries required.

(*Signed*) Angel N. Ainsworth

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 2850

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1934.

*Kept at* Smithills Hall

*in the County of* Lancaster

Diameter of Funnel of Gauge 5" in.

Height of top of Gauge above Ground 1 ft. 2 in.

,, Ground ,, Sea Level 510 ft.

Days

alf

T.L.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | .36 | — | — | — | — | — | — | ..5 | ..6 | ..4 | .22 | .48 | | 1 |
| 2 | — | — | .23 | — | ..2 | — | — | 1.00 | ..4 | — | .40 | .70 | | 2 |
| 3 | ..8 | — | — | — | — | — | — | ..2 | — | .41 | ..8 | .13 | | 3 |
| 4 | ..8 | — | .12 | ..2 | .20 | — | — | ..5 | .24 | .90 | — | 1.12 | | 4 |
| 5 | .12 | — | ..4 | — | .10 | — | — | .58 | — | .10 | — | .15 | | 5 |
| 6 | .30 | — | .23 | .10 | .63 | ..6 | — | .65 | ..2 | .36 | — | .48 | | 6 |
| 7 | — | — | .15 | ..8 | — | ..4 | — | — | — | .12 | .58 | .47 | | 7 |
| 8 | — | — | — | — | .20 | .17 | — | ..4 | — | .21 | .74 | — | | 8 |
| 9 | — | .16 | .18 | — | — | — | — | .18 | — | ..2 | .22 | ..1 | | 9 |
| 10 | — | — | .58 | .13 | — | — | — | .53 | — | .69 | — | — | | 10 |
| 11 | ..4 | — | ..2 | .47 | — | — | — | .35 } | — | ..4 | ..1 | .20 | | 11 |
| 12 | .46 | — | — | .21 | — | — | ..9 | | — | .31 | — | .10 | | 12 |
| 13 | .40 | — | — | ..3 | ..8 | — | ..8 | ..1 | — | .23 | — | — | | 13 |
| 14 | .41 | — | .21 | — | ..4 | ..2 | — | — | — | .61 | ..1 | .15 | | 14 |
| 15 | .64 | — | .34 | — | .88 | — | ..6 | .18 | .20 | ..8 | ..2 | .32 | | 15 |
| 16 | .25 | ..1 | .21 | — | .27 | — | — | — | — | .18 | — | ..7 | | 16 |
| 17 | .33 | — | .30 | ..8 | .17 | — | .33 | — | .39 | ..6 | — | .29 | | 17 |
| 18 | — | — | ..9 | .25 | .65 | .16 | — | — | ..1 | — | — | .28 | | 18 |
| 19 | — | — | .23 | — | .11 | .34 | — | — | .60 | ..7 | — | ..6 | | 19 |
| 20 | — | — | ..2 | .18 | .41 | ..5 | — | ..5 | .19 | .20 | ..4 | ..6 | | 20 |
| 21 | .10 | — | ..7 | — | — | .66 | — | ..2 | .23 | .11 | — | — | | 21 |
| 22 | — | — | ..1 | — | — | — | — | .21 | .46 | .12 | ..8 | ..2 | | 22 |
| 23 | .15 | — | .17 | .57 | ..2 | — | .75 | ..3 | ..2 | .26 | .14 | .12 | | 23 |
| 24 | ..1 | .33 | ..8 | .45 | ..3 | ..2 | ..5 | — | .31 | .19 | — | — | | 24 |
| 25 | .10 | ..1 | — | .14 | — | ..9 | .25 | — | .25 | .28 | — | .63 | | 25 |
| 26 | ..6 | — | ..2 | .15 | — | .28 | .28 | — | .21 | ..2 | ..1 | ..1 | | 26 |
| 27 | — | — | — | ..5 | — | .38 | .32 | — | ..8 | .32 | ..9 | .34 | | 27 |
| 28 | — | — | — | ..8 | — | — | .20 | .44 | .24 | .52 | — | .81 | | 28 |
| 29 | — | — | — | — | — | — | .14 | 1.00 | .25 | .25 | — | .14 | | 29 |
| 30 | .10 | × | — | — | — | — | ..5 | .19 | — | .13 | — | ..2 | | 30 |
| 31 | .02 | × | — | × | — | × | .11 | .27 | × | ..6 | × | .31 | | 31 |
| TOTAL | 4.01 | .51 | 3.30 | 2.99 | 3.81 | 2.27 | 2.71 | 5.85 | 3.80 | 6.89 | 2.64 | 7.47 | Year's Total. 46.25 ✓ | |
| * Days with .01 in. or more. | 19 | 4 | 20 | 16 | 15 | 12 | 13 | 20 | 18 | 29 | 14 | 26 | 206 | |
| * Days with .04 in. or more. | 17 | 2 | 16 | 14 | 12 | 10 | 13 | 16 | 15 | 27 | 10 | 22 | 174 | |

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* See Instruction 2 (f) on other side.

† Spare column, no entries required.

X (*Signed*) R V Ainsworth

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 2850

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1935.

*Kept at* Smithills Hall Bolton

*in the County of* Lancaster

Diameter of Funnel of Gauge 5" in.

Height of top of Gauge above Ground 1 ft. 2 in.

„ Ground „ Sea Level 510 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | 1·37 | ·70 | — | ·05 | | ·08 | ·14 | | ·42 | ·67 | ·12 | ·34 | | 1 |
| 2 | ·01 | ·31 | ·04 | — | — | ·35 | ·03 | — | ·03 | ·20 | ·06 | ·11 | | 2 |
| 3 | ·20 | ·98 | ·14 | ·21 | — | ·05 | ·36 | — | ·34 | ·06 | ·12 | ·36 | | 3 |
| 4 | — | ·02 | ·08 | — | — | ·78 | — | — | ·46 | ·15 | — | ·04 | | 4 |
| 5 | — | ·55 | ·10 | ·29 | — | ·59 | — | — | ·10 | — | ·20 | ·42 | | 5 |
| 6 | — | — | — | ·06 | — | ·24 | — | — | — | — | — | — | | 6 |
| 7 | — | — | — | ·18 | — | ·28 | — | — | — | ·44 | ·20 | ·40 | | 7 |
| 8 | — | — | — | ·14 | — | — | — | — | ·20 | ·24 | ·20 | ·50 | | 8 |
| 9 | — | — | — | ·30 | — | ·05 | — | — | — | 1·65 | ·22 | — | | 9 |
| 10 | ·03 | ·23 | — | ·11 | — | — | — | — | — | ·71 | ·28 | — | | 10 |
| 11 | ·47 | ·05 | — | — | — | ·41 | — | ·02 | — | ·39 | ·06 | — | | 11 |
| 12 | ·01 | ·23 | — | — | — | ·37 | — | — | ·08 | — | — | — | | 12 |
| 13 | ·30 | ·10 | — | ·08 | ·38 | — | — | — | ·25 | ·09 | ·03 | — | | 13 |
| 14 | ·01 | — | — | — | — | ·15 | — | — | X<br>·40 | — | ·95 | ·37 | | 14 |
| 15 | — | 1·34 | — | ·45 | ·08 | — | — | — | X | ·11 | ·02 | ·47 | | 15 |
| 16 | — | ·38 | ·13 | ·53 | ·15 | ·27 | ·09 | — | ·90 | — | ·22 | — | | 16 |
| 17 | — | — | — | ·37 | ·69 | ·26 | ·46 | ·10 | ·23 | ·11 | ·39 | — | | 17 |
| 18 | — | ·04 | — | ·15 | ·09 | ·04 | ·24 | — | ·54 | ·26 | ·08 | — | | 18 |
| 19 | — | ·05 | — | ·21 | ·12 | ·38 | ·30 | — | — | ·15 | ·31 | — | | 19 |
| 20 | — | ·63 | — | ·60 | — | ·25 | ·06 | — | — | ·04 | — | — | | 20 |
| 21 | — | ·13 | — | — | — | — | — | — | 1·16 | ·15 | — | ·21 | | 21 |
| 22 | — | ·04 | — | ·04 | — | — | — | — | ·04 | — | — | — | | 22 |
| 23 | ·06 | ·02 | ·98 | ·03 | — | — | — | ·18 | ·03 | ·56 | — | — | | 23 |
| 24 | ·71 | ·58 | ·10 | — | — | — | — | — | 1·09 | ·09 | ·02 | ·18 | | 24 |
| 25 | ·21 | ·01 | ·19 | — | — | ·83 | — | — | ·03 | — | ·05 | X<br>·33 | | 25 |
| 26 | — | — | — | — | — | — | ·06 | 1·11 | ·62 | ·52 | ·12 | X | | 26 |
| 27 | — | ·06 | — | — | ·07 | ·13 | ·41 | ·03 | ·20 | 1·86 | ·55 | ·04 | | 27 |
| 28 | ·04 | ·27 | — | — | ·02 | — | — | ·06 | ·13 | ·98 | ·10 | — | | 28 |
| 29 | | X | ·06 | — | — | — | — | ·08 | ·43 | ·31 | ·13 | ·12 | | 29 |
| 30 | ·20 | ✗ | — | — | — | ·31 | — | ·36 | ·60 | ·56 | ·74 | ·14 | | 30 |
| 31 | ·09 | ✗ | ·04 | ✗ | — | ✗ | — | — | ✗ | ·14 | ✗ | ·49 | | 31 |
| TOTAL | 3·71 | 6·72 | 1·86 | 3·80 | 1·60 | 5·82 | 2·15 | 1·94 | 8·28 | 10·44 | 5·17 | 4·52 | Year's Total<br>56·01 | |
| * Days with .01 in. or more. | 14 | 21 | 10 | 17 | 8 | 19 | 10 | 8 | ~~22~~ 23 | 24 | 23 | ~~16~~ 17 | 194 | |
| * Days with .04 in. or more. | 10 | 18 | 10 | 16 | 7 | 19 | 9 | 6 | ~~19~~ 20 | 24 | 20 | ~~16~~ 17 | 176 | |

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) Nigel V. Ainsworth [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 2850

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1936

*Kept at* Smithills Hall Bolton

*in the County of* Lancaster

Diameter of Funnel of Gauge 5" in.

Height of top of Gauge above Ground 1 ft. 2 in.

,, Ground ,, Sea Level 510 ft.

Ckd.

Acc
T.L.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | .02 | .15 | .04 | .18 | × | × | .10 | .49 | .09 | × | .40 | × | | 1 |
| 2 | .03 | × | × | .03 | × | .26 | .02 | .67 | .01 | × | .10 | × .76 | | 2 |
| 3 | × | × | × | × | × | .31 | .07 | .26 | .95 | × | × | .12 | | 3 |
| 4 | .37 | × | .33 | × | × | .03 | × | .09 | .54 | × | .26 | .24 | | 4 |
| 5 | .09 | .33 | .54 | × | × | × | × | .47 | .67 | × | × | .24 | | 5 |
| 6 | .11 | × | × | × | .02 | .03 | .18 | .41 | .84 | × | .19 | × | | 6 |
| 7 | × | × | .19 | × | × | × | .04 | × | .97 | × | .26 | .54 | | 7 |
| 8 | .30 | × | .39 | × | × | × | × | × | .03 | × | .56 | × | | 8 |
| 9 | .28 | × | .08 | × | × | .06 | .12 | × | .22 | × | 1.38 | × | | 9 |
| 10 | .19 | × | × | × | × | × | .10 | × | .02 | × | .93 | .06 | | 10 |
| 11 | × | × | × | × | × | .11 | .89 | .06 | .12 | × | .58 | .10 | | 11 |
| 12 | × | × | × | .05 | .03 | .68 | .72 | .07 | .57 | .15 | .04 | × | | 12 |
| 13 | × | × | × | × | .04 | × | .13 | × | × | .45 | .01 | .72 | | 13 |
| 14 | × | × | × | .06 | × | .44 | .04 | .16 | .12 | .20 | .33 | 1.33 | | 14 |
| 15 | × | × | × | .13 | .18 | .12 | .09 | .45 | .05 | × | .87 | .07 | | 15 |
| 16 | × | .27 | .01 | .61 | .03 | × | .06 | × | × | .06 | .85 | × | | 16 |
| 17 | × | .58 | × | .05 | .01 | × | .27 | .14 | × | .41 | .09 | .17 | | 17 |
| 18 | × | .02 | × | .08 | × | .03 | .47 | .13 | × | .88 | × | × | | 18 |
| 19 | .28 | .29 | .01 | .10 | × | .05 | .23 | .58 | × | .12 | × | × | | 19 |
| 20 | .33 | .11 | .10 | × | × | × | .02 | × | × | .05 | × | × | | 20 |
| 21 | .05 | × | × | .09 | × | .05 | .01 | × | × | .20 | × | .02 | | 21 |
| 22 | .97 | × .24 | .07 | × | × | 1.41 | .37 | × | × | .02 | × | .06 | | 22 |
| 23 | × | × | .12 | .30 | × | × | .95 | × | × | .05 | × | × | | 23 |
| 24 | .21 | × | × | .08 | .11 | × | × | × | .20 | .62 | × | .09 | | 24 |
| 25 | .39 | × | × | .03 | × | × | .12 | × | .48 | .40 | × | .63 | | 25 |
| 26 | .10 | .34 | .05 | × | × | × | .01 | × | .21 | .87 | × | × | | 26 |
| 27 | .90 | .64 | × | × | × | × | × | × | .05 | .55 | .62 | × | | 27 |
| 28 | .22 | .20 | .25 | × | × | × | .12 | × | × | × | × | × .16 | | 28 |
| 29 | .07 | .25 | .90 | × | .25 | × | × | × | × | .21 | .43 | × | | 29 |
| 30 | .43 | × | × | × | .41 | .88 | .64 | × | × | .46 | .35 | .06 | | 30 |
| 31 | .07 | × | .05 | × | .01 | × | .09 | .08 | × | × | × | .69 | | 31 |
| | | | | | | | | | | | | | Year's Total | |
| TOTAL | 5.41 | 2.82 | 3.13 | 1.19 | 1.09 | 4.46 | 5.86 | 3.46 | 6.14 | 5.70 | 7.15 | 5.46 | 51.87 | |
| * Days with .01 in. or more. | 20 | 13 ~~12~~ | 15 | 13 | 10 | 14 | 25 | 14 | 18 | 17 | 18 | 20 ~~19~~ | 197 | |
| * Days with .04 in. or more. | 18 | 12 ~~11~~ | 13 | 10 | 5 | 11 | 20 | 14 | 15 | 16 | 16 | 18 ~~17~~ | 168 | |

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) P. Lowther [P.T.O.

X— N V Ainsworth

2851

Section **A** for the entr

AIR MINIS

FORM 1090.

REG

Kept at Horwich. (Lo

in the County of

Diameter of Funnel of Gauge

Height of top of Gauge above Gr

,, Ground ,, Se

**THE MORNING MEA**

*An observer who does not conforn*
*year in the space on the right o*

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2851

Horwich. Locomotive Works

1931

780502

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COPY FOR OFFICIAL USE.

LL ORGANIZATION.

1..

Y.

*following*

Jan. 1, following

| Date | Jan. | Feb. | Marc | | | | | | | . | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | | | | | | | | in. | in. | |
| 1 | 0.14 | 0.02 | - | 0.08 | - | - | - | 0.01 | 0.07 | 0.23 | - | 0.01 | 1 |
| 2 | 0.05 | 0.09 | - | 0.50 | 0.01 | 1.29 | - | - | 1.46 | 0.03 | 0.09 | 0.15 | 2 |
| 3 | - | 0.01 | - | 0.02 | - | 0.10 | 0.26 | - | 0.38 | 0.01 | 0.89 | 0.11 | 3 |
| 4 | - | 0.01 | - | 0.25 | 0.01 | - | 0.37 | 0.45 | 0.64 | 0.04 | 0.04 | 0.38 | 4 |
| 5 | - | 0.19 | - | 0.01 | 0.16 | 0.84 | 0.14 | 0.95 | 0.20 | - | 0.01 | 0.32 | 5 |
| 6 | - | 0.34 | - | 0.01 | 0.01 | 0.28 | 0.04 | 0.07 | 0.28 | 0.57 | 0.28 | 0.07 | 6 |
| 7 | - | 0.03 | - | - | - | 0.42 | 0.01 | 0.40 | - | 0.20 | 0.05 | 0.11 | 7 |
| 8 | - | 0.12 | 0.01 | 0.12 | - | 0.02 | 0.18 | 0.30 | 0.01 | 0.01 | 0.16 | 0.01 | 8 |
| 9 | 0.10 | 0.50 | 0.01 | 0.20 | 0.02 | 0.06 | 0.04 | 0.80 | 0.11 | 0.08 | 0.21 | 0.17 | 9 |
| 10 | 0.07 | 0.09 | - | 0.01 | 0.16 | 0.59 | - | 0.09 | 0.13 | 0.01 | 0.36 | 0.03 | 10 |
| 11 | 0.65 | 0.65 | - | 0.08 | 0.01 | 0.02 | 0.14 | 0.03 | 0.66 | - | 0.42 | 0.07 | 11 |
| 12 | 0.05 | 0.20 | - | 0.01 | - | 0.01 | 0.12 | 0.60 | - | 0.35 | 0.01 | 0.02 | 12 |
| 13 | - | 0.08 | 0.21 | - | 0.25 | 0.05 | 0.17 | 0.28 | 0.04 | - | - | 0.01 | 13 |
| 14 | 0.10 | 0.14 | 0.02 | 0.02 | 0.03 | 1.35 | 0.30 | 0.75 | 0.05 | - | 0.83 | 0.03 | 14 |
| 15 | 0.31 | 0.21 | - | 0.30 | 0.18 | - | 0.27 | 0.38 | 0.01 | - | 0.01 | 0.11 | 15 |
| 16 | 0.27 | 0.09 | - | 0.21 | 0.12 | 0.08 | 0.10 | 0.52 | 0.35 | 0.01 | - | 0.01 | 16 |
| 17 | 0.05 | 0.02 | - | 0.15 | 0.20 | 0.01 | 0.53 | 0.26 | 0.05 | - | 0.25 | - | 17 |
| 18 | 0.37 | - | - | 0.02 | 0.01 | 0.47 | 0.78 | 0.17 | 0.03 | - | 0.62 | - | 18 |
| 19 | 0.26 | 0.28 | - | - | - | 0.01 | 0.50 | 1.20 | 0.01 | 0.02 | 0.01 | - | 19 |
| 20 | 0.01 | 0.20 | 0.15 | - | - | 0.18 | 0.05 | 0.07 | - | - | 0.09 | - | 20 |
| 21 | 0.55 | 0.05 | 0.05 | 0.01 | 0.11 | 0.02 | 0.01 | 0.23 | - | - | 0.01 | - | 21 |
| 22 | 0.34 | 0.04 | 0.01 | 0.08 | 0.08 | 0.05 | 0.09 | - | - | - | 0.15 | - | 22 |
| 23 | 0.30 | 0.01 | - | 0.15 | 0.19 | 0.20 | 0.08 | - | - | - | 0.71 | 0.33 | 23 |
| 24 | 0.05 | 0.29 | - | 0.08 | 0.46 | - | 0.03 | - | - | - | 0.19 | 0.13 | 24 |
| 25 | 0.36 | 0.76 | - | 0.35 | 0.12 | - | 0.09 | - | - | - | 0.08 | 0.18 | 25 |
| 26 | 0.02 | 0.06 | - | 0.34 | 0.01 | - | 0.01 | - | - | - | 0.82 | 0.06 | 26 |
| 27 | 0.52 | 0.12 | - | 0.09 | 0.15 | 0.40 | 0.35 | - | - | 0.67 | 1.49 | 0.02 | 27 |
| 28 | 0.62 | 0.27 | - | 0.04 | 0.29 | - | 0.02 | - | 0.04 | 0.01 | 0.01 | 0.09 | 28 |
| 29 | 0.20 | | - | - | 0.80 | - | 0.09 | - | - | 0.71 | 0.02 | 0.02 | 29 |
| 30 | 0.04 | × | - | 0.02 | - | 0.01 | 0.01 | - | 0.24 | 0.01 | 0.01 | - | 30 |
| 31 | 0.04 | × | - | × | 0.02 | × | 0.15 | - | × | 0.02 | × | 0.07 | 31 |
| TOTAL | 5.47 | 4.87 | 0.46 | 3.15 | 3.40 | 6.46 | 4.93 | 7.56 | 4.76 | 2.98 | 7.82 | 2.51 | YEAR'S TOTAL<br>54.37 |
| *Days with ·01 in. or more. | 24 ~~2.~~ | 27 ~~6.~~ | 7 ~~4.~~ | 25 ~~8.~~ | 23 ~~8.~~ | 22 ~~7.~~ | 28 ~~6.~~ | 19 ~~2.~~ | 19 ~~4.~~ | 17 ~~5.~~ | 27 ~~8.~~ | 24 ~~9.~~ | 262 ~~75.~~ |
| *Days with ·04 in. or more. | 22. | 21. | 3. | 16. | 14. | 15. | 22. | 17. | 15. | 8. | 19. | 15. | 187. |

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) T. H. ADAMS per W Henderson

P.T.O.

2851

Section **A** for the entry

COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1931..

*Kept at* Horwich. (Locomotive Works).

*in the County of* Lancashire.

Diameter of Funnel of Gauge Five in.

Height of top of Gauge above Ground One ft. -- in.

,, Ground ,, Sea Level 400 ft.

days

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | 0.14 | 0.02 | - | 0.08 | - | - | - | 0.01 | 0.07 | 0.23 | - | 0.01 | 1 |
| 2 | 0.05 | 0.09 | - | 0.50 | 0.01 | 1.29 | - | - | 1.46 | 0.03 | 0.09 | 0.15 | 2 |
| 3 | - | 0.01 | - | 0.02 | - | 0.10 | 0.26 | - | 0.38 | 0.01 | 0.89 | 0.11 | 3 |
| 4 | - | 0.01 | - | 0.25 | 0.01 | - | 0.37 | 0.45 | 0.64 | 0.04 | 0.04 | 0.38 | 4 |
| 5 | - | 0.19 | - | 0.01 | 0.16 | 0.84 | 0.14 | 0.95 | 0.20 | - | 0.01 | 0.32 | 5 |
| 6 | - | 0.34 | - | 0.01 | 0.01 | 0.28 | 0.04 | 0.07 | 0.28 | 0.57 | 0.28 | 0.07 | 6 |
| 7 | - | 0.03 | - | - | - | 0.42 | 0.01 | 0.40 | - | 0.20 | 0.05 | 0.11 | 7 |
| 8 | - | 0.12 | 0.01 | 0.12 | - | 0.02 | 0.18 | 0.30 | 0.01 | 0.01 | 0.16 | 0.01 | 8 |
| 9 | 0.10 | 0.50 | 0.01 | 0.20 | 0.02 | 0.06 | 0.04 | 0.80 | 0.11 | 0.08 | 0.21 | 0.17 | 9 |
| 10 | 0.07 | 0.09 | - | 0.01 | 0.16 | 0.59 | - | 0.09 | 0.13 | 0.01 | 0.36 | 0.03 | 10 |
| 11 | 0.65 | 0.65 | - | 0.08 | 0.01 | 0.02 | 0.14 | 0.03 | 0.66 | - | 0.42 | 0.07 | 11 |
| 12 | 0.05 | 0.20 | - | 0.01 | - | 0.01 | 0.12 | 0.60 | - | 0.35 | 0.01 | 0.02 | 12 |
| 13 | - | 0.08 | 0.21 | - | 0.25 | 0.05 | 0.17 | 0.28 | 0.04 | - | - | 0.01 | 13 |
| 14 | 0.10 | 0.14 | 0.02 | 0.02 | 0.03 | 1.35 | 0.30 | 0.75 | 0.05 | - | 0.83 | 0.03 | 14 |
| 15 | 0.31 | 0.21 | - | 0.30 | 0.18 | - | 0.27 | 0.38 | 0.01 | - | 0.01 | 0.11 | 15 |
| 16 | 0.27 | 0.09 | - | 0.21 | 0.12 | 0.08 | 0.10 | 0.52 | 0.35 | 0.01 | - | 0.01 | 16 |
| 17 | 0.05 | 0.02 | - | 0.15 | 0.20 | 0.01 | 0.53 | 0.26 | 0.05 | - | 0.25 | - | 17 |
| 18 | 0.37 | - | - | 0.02 | 0.01 | 0.47 | 0.78 | 0.17 | 0.03 | - | 0.62 | - | 18 |
| 19 | 0.26 | 0.28 | - | - | - | 0.01 | 0.50 | 1.20 | 0.01 | 0.02 | 0.01 | - | 19 |
| 20 | 0.01 | 0.20 | 0.15 | - | - | 0.18 | 0.05 | 0.07 | - | - | 0.09 | - | 20 |
| 21 | 0.55 | 0.05 | 0.05 | 0.01 | 0.11 | 0.02 | 0.01 | 0.23 | - | - | 0.01 | - | 21 |
| 22 | 0.34 | 0.04 | 0.01 | 0.08 | 0.08 | 0.05 | 0.09 | - | - | - | 0.15 | - | 22 |
| 23 | 0.30 | 0.01 | - | 0.15 | 0.19 | 0.20 | 0.08 | - | - | - | 0.71 | 0.33 | 23 |
| 24 | 0.05 | 0.29 | - | 0.08 | 0.46 | - | 0.03 | - | - | - | 0.19 | 0.13 | 24 |
| 25 | 0.36 | 0.76 | - | 0.35 | 0.12 | - | 0.09 | - | - | - | 0.08 | 0.18 | 25 |
| 26 | 0.02 | 0.06 | - | 0.34 | 0.01 | - | 0.01 | - | - | - | 0.82 | 0.06 | 26 |
| 27 | 0.52 | 0.12 | - | 0.09 | 0.15 | 0.40 | 0.35 | - | - | 0.67 | 1.49 | 0.02 | 27 |
| 28 | 0.62 | 0.27 | - | 0.04 | 0.29 | - | 0.02 | - | 0.04 | 0.01 | 0.01 | 0.09 | 28 |
| 29 | 0.20 | | - | - | 0.80 | - | 0.09 | - | - | 0.71 | 0.02 | 0.02 | 29 |
| 30 | 0.04 | × | - | 0.02 | - | 0.01 | 0.01 | - | 0.24 | 0.01 | 0.01 | - | 30 |
| 31 | 0.04 | × | - | × | 0.02 | × | 0.15 | - | × | 0.02 | × | 0.07 | 31 |
| TOTAL | 5.47 | 4.87 | 0.46 | 3.15 | 3.40 | 6.46 | 4.93 | 7.56 | 4.76 | 2.98 | 7.82 | 2.51 | YEAR'S TOTAL 54.37 |
| *Days with ·01 in. or more. | 24 ~~2.~~ | 27 ~~6.~~ | 7 ~~4.~~ | 25 ~~8.~~ | 23 ~~8.~~ | 22 ~~7.~~ | 28 ~~6.~~ | 19 ~~2.~~ | 19 ~~4.~~ | 17 ~~5.~~ | 27 ~~8.~~ | 24 ~~8.~~ | 262 ~~75.~~ |
| *Days with ·04 in. or more. | 22. | 21. | 3. | 16. | 14. | 15. | 22. | 17. | 15. | 8. | 19. | 15. | 187. |

40-9999

*See Instruction 2 (*f*) on other side.

(Signed) T. H. ADAMS per WHenderson

P.T.O.

2852

Section **A** for the entry … FOR OFFICIAL USE.

AIR MINIST… …LL ORGANIZATION.

FORM 1090.

# REGI…

# 2852

# Bury No 5

# 1931 — 40

Kept at BURY. N…

in the County of Lanca…

Diameter of Funnel of Gauge…

Height of top of Gauge above Gr…

,, Ground ,, Sea…

**THE MORNING MEA…** …Y.

An observer who does not conform … following year in the space on the right of …

| Jan. 1, following |
|---|
| .30 |

780507

| Date | Jan. | Feb. | March | | | | | | | | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | | | | | | | | in. | in. | |
| 1 | .14 | .01 | - | .10 | - | .00 | Trace | - | .06 | .08 | - | trace | 1 |
| 2 | .01 | .07 | - | .65 | .03 | 1.02 | - | - | .78 | .02 | .06 | .09 | 2 |
| 3 | .01 | - | - | .02 | - | .02 | .36 | - | .30 | .01 | 1.59 | .34 | 3 |
| 4 | .01 | .02 | - | .28 | .01 | .05 | .11 | .08 | .62 | .01 | .01 | .40 | 4 |
| 5 | - | .19 | trace | trace | .18 | 1.01 | .22 | 1.00 | .03 | trace | trace | .37 | 5 |
| 6 | - | .31 | trace | .01 | .08 | .20 | .25 | .01 | .26 | .59 | .32 | .02 | 6 |
| 7 | - | .03 | trace | - | - | .47 | .01 | .43 | - | .40 | .08 | .17 | 7 |
| 8 | .11 | .19 | trace | .13 | .01 | Trace | .20 | .31 | .19 | .03 | .24 | .04 | 8 |
| 9 | .01 | .72 | - | .20 | .01 | .08 | - | .38 | .04 | .04 | .25 | .08 | 9 |
| 10 | .07 | .20 | - | trace | .18 | .35 | - | .04 | .09 | trace | .33 | .02 | 10 |
| 11 | .57 | .63 | - | .05 | - | Trace | .15 | .01 | .45 | - | .53 | .02 | 11 |
| 12 | .04 | .32 | - | .02 | - | Trace | .42 | .01 | .01 | .20 | .04 | trace | 12 |
| 13 | - | trace | .14 | trace | .06 | .02 | .25 | .15 | trace | - | .01 | - | 13 |
| 14 | .16 | .16 | trace | trace | .03 | 1.17 | .16 | .76 | .01 | - | .59 | .02 | 14 |
| 15 | .35 | .26 | - | .17 | .17 | - | .19 | .32 | - | - | .01 | .03 | 15 |
| 16 | .40 | .06 | - | .35 | .42 | .23 | .10 | 1.00 | .29 | - | trace | - | 16 |
| 17 | .05 | .03 | - | .14 | .09 | .06 | .46 | .32 | .04 | trace | .16 | - | 17 |
| 18 | .45 | trace | - | .04 | - | .47 | .52 | .14 | - | - | .81 | - | 18 |
| 19 | .25 | .33 | - | trace | - | - | .14 | 1.24 | trace | .01 | .01 | .04 | 19 |
| 20 | .02 | .13 | .09 | trace | - | .14 | - | .15 | - | - | .10 | .01 | 20 |
| 21 | .47 | .08 | .07 | .02 | .22 | .13 | .01 | .23 | - | - | .04 | .02 | 21 |
| 22 | .28 | .04 | trace | .09 | .16 | .05 | .01 | .01 | - | - | .08 | - | 22 |
| 23 | .34 | trace | - | .19 | .32 | .14 | .32 | trace | trace | - | .75 | .35 | 23 |
| 24 | .04 | .26 | - | .12 | .36 | - | .02 | - | - | trace | .07 | .07 | 24 |
| 25 | .27 | .92 | - | .31 | .06 | - | Trace | - | - | - | .07 | .20 | 25 |
| 26 | .04 | .06 | - | .29 | - | Trace | Trace | - | - | - | .57 | .02 | 26 |
| 27 | .53 | .11 | - | .04 | .19 | Trace | .28 | - | - | .43 | 1.25 | .04 | 27 |
| 28 | .54 | .43 | - | .02 | .11 | - | .12 | - | .03 | - | .01 | .16 | 28 |
| 29 | .15 | x | - | .05 | .14 | - | .09 | - | trace | .82 | .02 | trace | 29 |
| 30 | .01 | x | - | .02 | - | - | - | - | .11 | - | .01 | - | 30 |
| 31 | .45 | x | - | x | - | x | .29 | - | x | .01 | x | .10 | 31 |
| TOTAL | 5.77 | 5.56 | .30 | 3.31 | 2.83 | 5.56 | 4.68 | 6.59 | 3.31 | 2.65 | 8.01 | 2.61 | YEAR'S TOTAL<br>51.18 |
| *Days with ·01 in. or more. | 27 | 24 | 3 | 23 | 20 | 16 | 23 | 19 | 16 | 13 | .27 | 22 | 233 |
| *Days with ·04 in. or more. | 21 | 20 | 3 | 17 | 15 | 14 | 19 | 15 | 12 | 7 | 20 | 14 | 177. |

40-9999

*See Instruction 2 (*f*) on other side.

(Signed) [P.T.O.

2852

**Section** A for the entry
AIR MINIS
FOR OFFICIAL USE.
LL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1931.

*Kept at* BURY. No 5

*in the County of* Lancaster.

Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft - in.
,, Ground ,, Sea Level 294 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following .30

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | .14 | .01 | - | .10 | - | .00 | Trace | - | .06 | .08 | - | trace | 1 |
| 2 | .01 | .07 | - | .65 | .03 | 1.02 | - | - | .78 | .02 | .06 | .09 | 2 |
| 3 | .01 | - | - | .02 | - | .02 | .36 | - | .30 | .01 | 1.59 | .34 | 3 |
| 4 | .01 | .02 | - | .28 | .01 | .05 | .11 | .08 | .62 | .01 | .01 | .40 | 4 |
| 5 | - | .19 | trace | trace | .18 | 1.01 | .22 | 1.00 | .03 | trace | trace | .37 | 5 |
| 6 | - | .31 | trace | .01 | .08 | .20 | .25 | .01 | .26 | .59 | .32 | .02 | 6 |
| 7 | - | .03 | trace | - | - | .47 | .01 | .43 | - | .40 | .08 | .17 | 7 |
| 8 | .11 | .19 | trace | .13 | .01 | Trace | .20 | .31 | .19 | .03 | .24 | .04 | 8 |
| 9 | .01 | .72 | - | .20 | .01 | .08 | - | .38 | .04 | .04 | .25 | .08 | 9 |
| 10 | .07 | .20 | - | trace | .18 | .35 | - | .04 | .09 | trace | .33 | .02 | 10 |
| 11 | .57 | .63 | - | .05 | - | Trace | .15 | .01 | .45 | - | .53 | .02 | 11 |
| 12 | .04 | .32 | - | .02 | - | Trace | .42 | .01 | .01 | .20 | .04 | trace | 12 |
| 13 | - | trace | .14 | trace | .06 | .02 | .25 | .15 | trace | - | .01 | - | 13 |
| 14 | .16 | .16 | trace | trace | .03 | 1.17 | .16 | .76 | .01 | - | .59 | .02 | 14 |
| 15 | .35 | .26 | - | .17 | .17 | - | .19 | .32 | - | - | .01 | .03 | 15 |
| 16 | .40 | .06 | - | .35 | .42 | .23 | .10 | 1.00 | .29 | - | trace | - | 16 |
| 17 | .05 | .03 | - | .14 | .09 | .06 | .46 | .32 | .04 | trace | .16 | - | 17 |
| 18 | .45 | trace | - | .04 | - | .47 | .52 | .14 | - | - | .81 | - | 18 |
| 19 | .25 | .33 | - | trace | - | - | .14 | 1.24 | trace | .01 | .01 | .04 | 19 |
| 20 | .02 | .13 | .09 | trace | - | .14 | - | .15 | - | - | .10 | .01 | 20 |
| 21 | .47 | .08 | .07 | .02 | .22 | .13 | .01 | .23 | - | - | .04 | .02 | 21 |
| 22 | .28 | .04 | trace | .09 | .16 | .05 | .01 | .01 | - | - | .08 | - | 22 |
| 23 | .34 | trace | - | .19 | .32 | .14 | .32 | trace | trace | - | .75 | .35 | 23 |
| 24 | .04 | .26 | - | .12 | .36 | - | .02 | - | - | trace | .07 | .07 | 24 |
| 25 | .27 | .92 | - | .31 | .06 | - | Trace | - | - | - | .07 | .20 | 25 |
| 26 | .04 | .06 | - | .29 | - | Trace | Trace | - | - | - | .57 | .02 | 26 |
| 27 | .53 | .11 | - | .04 | .19 | Trace | .28 | - | - | .43 | 1.25 | .04 | 27 |
| 28 | .54 | .43 | - | .02 | .11 | - | .12 | - | .03 | - | .01 | .16 | 28 |
| 29 | .15 | x | - | .05 | .14 | - | .09 | - | trace | .82 | .02 | trace | 29 |
| 30 | .01 | ✕ | - | .02 | - | - | - | - | .11 | - | .01 | - | 30 |
| 31 | .45 | ✕ | - | ✕ | - | ✕ | .29 | - | ✕ | .01 | ✕ | .10 | 31 |
| TOTAL | 5.77 | 5.56 | .30 | 3.31 | 2.83 | 5.56 | 4.68 | 6.59 | 3.31 | 2.65 | 8.01 | 2.61 | YEAR'S TOTAL 51.18 |
| *Days with ·01 in. or more. | 27 | 24 | 3 | 23 | 20 | 16 | 23 | 19 | 16 | 13 | .27 | 22 | 233 |
| *Days with ·04 in. or more. | 21 | 20 | 3 | 17 | 15 | 14 | 19 | 15 | 12 | 7 | 20 | 14 | 177. |

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) P. H. Morris

[P.T.O.

2852

**Section** **A** **for the entry of Daily Observations.**
AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1932.

*Kept at* BURY
*in the County of* Lancaster
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. - in.
,, Ground ,, Sea Level 294 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following ·04

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·30 | ·02 | - | ·40 | ·09 | - | ·18 | ·03 | ·59 | ·19 | ·12 | ·10 | 1 |
| 2 | ·98 | Trace | - | ·01 | ·08 | - | ·03 | ·04 | ·87 | ·13 | ·12 | ·40 | 2 |
| 3 | ·04 | - | - | ·02 | - | - | ·22 | ·01 | ·10 | ·02 | ·03 | ·16 | 3 |
| 4 | ·07 | - | - | ·01 | ·01 | - | ·35 | - | ·05 | ·04 | ·11 | ·06 | 4 |
| 5 | ·98 | - | ·11 | ·23 | ·03 | - | ·03 | ·02 | ·17 | ·01 | - | ·02 | 5 |
| 6 | 1·14 | - | ·12 | ·34 | ·03 | - | ·02 | - | ·21 | ·02 | ·02 | - | 6 |
| 7 | ·05 | - | ·48 | ·09 | - | - | - | - | ·63 | ·64 | ·01 | - | 7 |
| 8 | ·02 | Trace | - | ·19 | - | - | - | - | ·05 | ·57 | ·01 | - | 8 |
| 9 | ·04 | ·06 | - | ·24 | ·05 | - | - | - | ·14 | ·01 | ·02 | ·05 | 9 |
| 10 | ·58 | ·03 | ·05 | ·04 | ·01 | - | - | - | ·63 | ·36 | ·03 | ·02 | 10 |
| 11 | ·05 | ·03 | Trace | ·03 | ·70 | ·06 | ·20 | Trace | ·03 | ·03 | ·02 | - | 11 |
| 12 | ·36 | Trace | - | - | ·48 | ·15 | ·03 | ·03 | ·07 | ·50 | Trace | ·01 | 12 |
| 13 | - | ·03 | - | ·08 | ·18 | - | ·36 | ·05 | ·31 | ·39 | ·01 | ·39 | 13 |
| 14 | ·12 | Trace | - | ·06 | - | - | ·48 | ·06 | ·02 | ·17 | ·05 | ·06 | 14 |
| 15 | ·02 | Trace | - | - | ·70 | - | - | - | - | ·22 | ·09 | ·09 | 15 |
| 16 | ·21 | Trace | - | ·03 | ·02 | - | ·03 | ·01 | - | ·21 | ·02 | ·13 | 16 |
| 17 | ·01 | Trace | - | ·02 | ·01 | - | ·12 | ·07 | ·06 | ·34 | Trace | ·01 | 17 |
| 18 | - | - | - | - | ·06 | - | ·03 | - | ·02 | ·05 | ·03 | - | 18 |
| 19 | - | ·01 | - | ·16 | ·07 | - | ·04 | - | - | ·40 | ·01 | ·02 | 19 |
| 20 | - | - | - | ·24 | ·50 | - | ·07 | ·21 | - | ·23 | ·09 | ·04 | 20 |
| 21 | ·08 | - | ·34 | ·09 | ·21 | - | ·03 | ·27 | - | ·52 | ·16 | ·02 | 21 |
| 22 | ·03 | - | ·23 | ·23 | ·16 | - | ·15 | - | - | ·09 | 1·08 | ·08 | 22 |
| 23 | ·07 | ·03 | ·02 | ·03 | ·70 | - | ·13 | - | - | ·10 | ·07 | ·06 | 23 |
| 24 | ·07 | Trace | ·01 | ·01 | ·03 | ·02 | ·38 | - | ·20 | ·03 | ·17 | ·04 | 24 |
| 25 | ·01 | ·03 | - | ·11 | ·05 | ·01 | ·05 | - | ·11 | 1·04 | ·31 | ·02 | 25 |
| 26 | ·01 | ·02 | - | ·11 | ·26 | - | ·38 | - | ·11 | ·40 | ·09 | ·01 | 26 |
| 27 | - | - | ·35 | ·38 | ·26 | ·26 | ·12 | - | Trace | ·05 | ·11 | ·08 | 27 |
| 28 | - | - | ·05 | ·09 | ·20 | - | ·39 | - | - | ·02 | ·02 | ·03 | 28 |
| 29 | ·05 | - | ·58 | ·41 | ·03 | ·11 | ·17 | ·31 | ·13 | ·87 | ·24 | ·33 | 29 |
| 30 | - | X | ·20 | ·03 | ·05 | ·39 | ·07 | ·04 | ·16 | ·20 | ·41 | ·12 | 30 |
| 31 | ·02 | X | ·09 | X | ·03 | X | ·19 | ·03 | X | ·02 | X | ·08 | 31 |
| TOTAL | 5·24 | ·26 | 2.63 | 3.68 | 5·00 | 1·00 | 4.25 | 1·18 | 4.66 | 7.87 | 3.45 | 2.46 | YEAR'S TOTAL 41.68 |
| *Days with ·01 in. or more. | 23 | 9 | 13 | 27 | 27 | 7 | 26 | 14 | 21 | 31 | 27 | 26 | 2.57 |
| *Days with ·04 in. or more. | 16 | 1 | 11 | 18 | 18 | 5 | 19 | 8 | 18 | 23 | 15 | 17 | 1.69 |

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*See Instruction 2 (*f*) on other side.

(*Signed*) P. H. M

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2852

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1933.

*Kept at* Bury

*in the County of* Lancaster

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. – in.

,, Ground ,, Sea Level 294 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following ·17

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·04 | ·43 | ·04 | ·01 | ·02 | – | – | ·08 | ·04 | – | ·33 | – | 1 |
| 2 | ·44 | Tr | ·19 | ·23 | – | ·10 | – | ·04 | Tr | – | ·02 | – | 2 |
| 3 | ·02 | ·58 | ·32 | Tr | ·36 | – | – | ·01 | – | – | ·03 | – | 3 |
| 4 | ·31 | ·09 | ·18 | – | ·18 | – | – | ·01 | – | ·02 | ·02 | – | 4 |
| 5 | ·22 | ·17 | ·08 | – | ·04 | – | – | · | – | – | ·06 | – | 5 |
| 6 | ·03 | ·15 | ·10 | – | ·21 | – | – | · | – | – | ·02 | ·05 | 6 |
| 7 | ·07 | ·41 | ·04 | – | ·04 | – | ·47 | ·05 | – | ·75 | Trace | ·01 | 7 |
| 8 | ·37 | ·10 | ·18 | ·23 | ·05 | – | ·14 | ·05 | – | Tr | ·02 | ·07 | 8 |
| 9 | ·02 | ·29 | Tr | ·12 | ·12 | – | ·74 | · | – | ·48 | ·16 | ·01 | 9 |
| 10 | ·17 | ·03 | – | – | ·02 | ·04 | ·07 | · | – | 1·18 | ·14 | – | 10 |
| 11 | Trace | – | – | ·02 | – | ·01 | ·70 | ·02 | – | ·30 | – | ·10 | 11 |
| 12 | ·04 | ·01 | Tr | – | – | ·16 | ·28 | · | – | ·18 | ·01 | ·05 | 12 |
| 13 | ·02 | – | ·03 | – | ·18 | T | ·23 | ·07 | – | ·16 | ·22 | Tr | 13 |
| 14 | ·21 | Tr | ·03 | – | ·02 | · | ·07 | ·10 | – | ·04 | ·54 | – | 14 |
| 15 | ·20 | – | ·04 | – | – | ·03 | ·02 | ·12 | – | ·22 | ·25 | – | 15 |
| 16 | ·08 | ·02 | ·16 | ·07 | ·04 | ·27 | ·12 | ·03 | – | ·16 | ·05 | ·02 | 16 |
| 17 | ·04 | Tr | ·82 | ·02 | ·01 | ·72 | ·02 | ·34 | ·05 | ·02 | ·03 | ·01 | 17 |
| 18 | ·07 | ·03 | ·26 | – | ·11 | ·25 | – | ·02 | – | Tr | ·02 | ·01 | 18 |
| 19 | ·00 | ·01 | ·28 | ·01 | – | ·03 | ·08 | ·05 | ·36 | – | ·11 | ·04 | 19 |
| 20 | ·00 | ·13 | ·02 | Tr | ·05 | ·20 | Tr | ·28 | Tr | – | ·02 | ·02 | 20 |
| 21 | ·00 | ·03 | – | – | – | ·01 | – | ·40 | ·09 | – | – | ·02 | 21 |
| 22 | ·00 | – | – | – | ·05 | ·02 | – | ·09 | – | ·08 | – | ·01 | 22 |
| 23 | ·00 | – | – | ·35 | ·01 | ·05 | – | ·02 | ·04 | ·11 | ·02 | Tr | 23 |
| 24 | ·00 | ·18 | – | ·22 | ·13 | ·19 | – | Tr | ·68 | ·02 | ·01 | Tr | 24 |
| 25 | ·00 | ·65 | – | ·07 | – | – | – | · | ·05 | T | Tr | ·10 | 25 |
| 26 | ·00 | ·50 | – | ·38 | – | – | – | · | – | ·34 | Tr | ·03 | 26 |
| 27 | ·02 | ·03 | – | ·07 | ·27 | – | – | · | ·02 | ·04 | – | – | 27 |
| 28 | ·00 | ·02 | – | ·06 | – | – | ·07 | ·02 | ·01 | ·08 | – | – | 28 |
| 29 | ·00 | – | ·01 | ·01 | – | – | ·04 | · | – | ·01 | – | ·10 | 29 |
| 30 | ·06 | × | ·03 | ·42 | ·05 | ·02 | ·17 | | – | ·29 | – | ·21 | 30 |
| 31 | ·44 | × | ·11 | × | – | × | ·14 | ·18 | × | ·30 | × | ·02 | 31 |
| TOTAL | 2·87 | 3·86 | 2·92 | 2·29 | 1·96 | 2·10 | 3.36. | 1·98 | 1·34 | 4·76 | 2·08 | ·88 | YEAR'S TOTAL<br>30.40 |
| *Days with ·01 in. or more. | 20 | 20 | 19 | 16 | 20 | 15 | 16 | 20 | 9 | 20 | 20 | 18 | 213 |
| *Days with .04 in. or more. | 15. | 12 | 14 | 11 | 15 | 9 | 14. | 13 | 7 | 16 | 9 | 8 | 143 |

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*See Instruction 2 (*f*) on other side.

D

(*Signed*) ..............................

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2852

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1934 .

*Kept at* Bury

*in the County of* Lancaster

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft - in.

,, Ground ,, Sea Level 294 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following 0.56

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | 0.17 | 0.00 | .01 | 0.00 | - | - | - | .06 | 0.27 | .02 | .07 | .53 | | 1 |
| 2 | 0.02 | 0.02 | .15 | 0.00 | .02 | - | - | .48 | 0.07 | .02 | .30 | .54 | | 2 |
| 3 | 0.12 | 0.01 | .00 | 0.00 | - | - | - | .16 | 0.05 | .27 | .13 | .09 | | 3 |
| 4 | 0.16 | 0.01 | .10 | 0.05 | .09 | - | - | .02 | 0.03 | .86 | .01 | .97 | | 4 |
| 5 | 0.00 | 0.00 | .11 | 0.00 | .08 | - | - | .64 | - | .17 | .02 | .13 | | 5 |
| 6 | 0.02 | 0.00 | .13 | 0.18 | .50 | .05 | - | .08 | - | .26 | - | .38 | | 6 |
| 7 | 0.33 | 0.05 | .08 | 0.08 | .02 | .05 | - | .02 | - | .05 | .45 | .43 | | 7 |
| 8 | 0.01 | 0.00 | .02 | 0.01 | .12 | .25 | - | .06 | - | .09 | .66 | .03 | | 8 |
| 9 | 0.01 | 0.06 | .28 | 0.00 | T. | T | - | .13 | - | .02 | .28 | .04 | | 9 |
| 10 | 0.01 | 0.01 | .26 | 0.05 | - | - | - | .28 | 0.01 | .45 | .04 | .02 | | 10 |
| 11 | 0.07 | 0.01 | .04 | 0.52 | - | - | - | .37 | - | .02 | .03 | .18 | | 11 |
| 12 | 0.01 | 0.01 | .01 | 0.12 | - | - | .08 | .03 | - | .08 | T | .02 | | 12 |
| 13 | 0.40 | 0.01 | .02 | 0.04 | .07 | T | .06 | .02 | - | .26 | .03 | .02 | | 13 |
| 14 | 0.23 | 0.00 | .15 | Trace | .05 | .02 | - | T | - | .37 | .02 | .10 | | 14 |
| 15 | 0.40 | 0.02 | .27 | 0.00 | .78 | .03 | .03 | .13 | 0.20 | .02 | .02 | .31 | | 15 |
| 16 | 0.61 | 0.00 | .18 | 0.00 | .09 | - | - | - | - | .10 | .02 | .07 | | 16 |
| 17 | 0.31 | 0.01 | .37 | 0.03 | .19 | - | .26 | - | 0.26 | .02 | - | .29 | | 17 |
| 18 | 0.23 | 0.00 | .11 | 0.47 | .54 | .29 | .01 | .04 | 0.01 | - | - | .25 | | 18 |
| 19 | 0.00 | 0.01 | .24 | 0.01 | .09 | .17 | - | - | 0.41 | .22 | - | .02 | | 19 |
| 20 | 0.00 | 0.01 | .03 | 0.14 | .29 | .14 | - | .04 | 0.15 | .11 | .02 | .02 | | 20 |
| 21 | 0.08 | 0.00 | .05 | 0.00 | .02 | .32 | - | .06 | 0.25 | 0.11 | Trace | - | | 21 |
| 22 | 0.09 | 0.00 | .03 | 0.00 | .01 | - | - | .20 | 0.43 | .15 | .02 | .03 | | 22 |
| 23 | 0.02 | 0.02 | .13 | 0.50 | - | .03 | .72 | .05 | 0.02 | .21 | .03 | .13 | | 23 |
| 24 | 0.00 | 0.23 | .03 | 0.35 | .03 | .05 | .03 | - | 0.26 | .18 | .01 | .01 | | 24 |
| 25 | 0.11 | 0.10 | .01 | 0.16 | .03 | .01 | .20 | - | 0.22 | .22 | - | .51 | | 25 |
| 26 | 0.08 | 0.00 | .03 | 0.12 | - | .10 | .17 | - | 0.17 | .04 | .02 | .06 | | 26 |
| 27 | 0.00 | 0.00 | .03 | 0.03 | - | .20 | .26 | - | 0.01 | .33 | .03 | .38 | | 27 |
| 28 | 0.00 | 0.00 | .01 | 0.04 | - | .32 | .17 | .54 | 0.15 | .34 | - | .85 | | 28 |
| 29 | 0.00 | | .00 | 0.00 | - | .01 | .09 | .30 | 0.33 | .21 | - | .17 | | 29 |
| 30 | 0.07 | X | .00 | 0.00 | - | - | .12 | .07 | 0.34 | .18 | - | .04 | | 30 |
| 31 | 0.02 | X | .00 | X | - | X | .30 | .01 | X | .15 | X | .17 | | 31 |
| TOTAL | 3.58 | 0.59 | 2.88 | 2.90 | 3.02 | 2.04 | 2.56 | 3.79 | 3.64 | 5.52 | 2.21 | 6.79 | Year's Total 39.52 | |
| *Days with ·01 in. or more. | 24 | 15 | 27 | 18 | 18 | 16 | 14 | 23 | 20 | 30 | 20 | 30 | 255 | |
| *Days with ·04 in. or more. | 16 | 4 | 16 | 14 | 12 | 11 | 11 | 18 | 15 | 24 | 7 | 22 | 170 | |

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*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*)

P.T.O.

2852

**Section** **A** **for the entry of Daily Observations.**

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 10[illegible]

# REGISTER OF RAINFALL IN 1935.

*Kept at* Bury.
*in the County of* Lancaster.
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft – in.
,, Ground ,, Sea Level 204' 0" ft.
294

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following
0.01

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | .56 | .35 | .02 | .02 | – | .06 | – | – | 0.26 | 0.09 | 0.16 | .34 | 1 |
| 2 | .03 | .14 | .05 | – | – | .32 | 0.07 | – | 0.05 | 0.11 | 0.06 | .10 | 2 |
| 3 | .06 | .89 | .12 | .09 | – | .13 | 0.03 | – | 0.53 | 0.05 | 0.09 | .24 | 3 |
| 4 | – | .03 | .09 | .01 | – | .36 | 0.49 | T | 0.21 | 0.17 | T | .03 | 4 |
| 5 | – | .42 | .12 | .26 | – | .08 | 0.04 | T | 0.33 | 0.02 | 0.20 | .26 | 5 |
| 6 | T | .02 | .01 | .10 | – | .29 | 0.04 | – | 0.02 | 0.01 | 0.02 | .02 | 6 |
| 7 | – | .02 | – | .16 | – | .09 | 0.05 | – | – | 0.29 | 0.24 | .33 | 7 |
| 8 | – | – | – | .16 | – | .02 | – | – | – | 0.29 | 0.14 | .45 | 8 |
| 9 | .03 | .02 | – | .39 | – | .08 | – | – | – | 1.70 | 0.16 | – | 9 |
| 10 | .01 | .05 | – | .10 | – | T | – | – | – | 0.50 | 0.20 | – | 10 |
| 11 | 0.41 | .06 | – | – | – | .32 | 0.03 | – | 0.02 | 0.40 | 0.07 | .01 | 11 |
| 12 | 0.02 | .17 | – | – | – | .48 | – | – | 0.07 | 0.02 | 0.01 | – | 12 |
| 13 | 0.15 | .07 | – | .11 | .20 | .02 | – | – | 0.22 | 0.14 | 0.03 | – | 13 |
| 14 | 0.01 | – | – | .02 | .03 | .22 | – | – | 0.08 | 0.01 | 1.08 | .34 | 14 |
| 15 | T | .15 | – | .41 | .07 | .02 | – | – | 0.52 | 0.09 | 0.06 | .22 | 15 |
| 16 | – | .21 | .12 | .33 | .10 | .30 | 0.02 | – | 0.84 | 0.01 | 0.15 | – | 16 |
| 17 | – | .02 | – | .28 | .55 | .21 | 0.17 | .04 | 0.12 | 0.06 | 0.36 | – | 17 |
| 18 | T | .04 | – | .10 | .13 | .06 | 0.43 | T | 0.42 | 0.16 | 0.12 | – | 18 |
| 19 | – | .03 | – | .37 | .04 | .35 | 0.11 | T | 0.02 | 0.12 | 0.26 | .02 | 19 |
| 20 | .02 | .31 | – | .50 | T | .17 | 0.27 | – | – | 0.02 | 0.02 | – | 20 |
| 21 | – | .15 | .04 | .02 | – | .01 | 0.07 | – | 0.94 | 0.18 | 0.02 | .18 | 21 |
| 22 | .02 | .19 | .04 | .06 | – | – | – | T | 0.04 | 0.02 | 0.01 | .01 | 22 |
| 23 | .04 | .02 | .82 | .42 | – | – | – | .38 | 0.05 | 0.41 | – | – | 23 |
| 24 | .46 | .43 | .06 | .02 | – | – | – | .02 | 1.09 | 0.10 | 0.02 | .11 | 24 |
| 25 | .17 | .02 | .16 | T | – | .27 | – | T | 0.02 | 0.02 | 0.06 | .01 | 25 |
| 26 | T | .01 | – | – | – | .01 | 0.04 | .99 | 0.47 | 0.38 | 0.08 | .30 | 26 |
| 27 | – | .05 | – | – | .12 | .05 | 0.23 | – | 0.23 | 0.88 | 0.56 | .04 | 27 |
| 28 | .05 | .08 | – | – | .06 | – | – | .03 | 0.11 | 0.46 | 0.09 | T | 28 |
| 29 | .01 | | .04 | – | – | .01 | – | .13 | 0.33 | 0.37 | 0.11 | .15 | 29 |
| 30 | .10 | × | .01 | – | – | .21 | – | .17 | 0.43 | 0.43 | 0.70 | .09 | 30 |
| 31 | .05 | × | .02 | × | – | × | – | – | × | 0.21 | × | .42 | 31 |
| TOTAL | 2.20 | 4.95 | 1.72 | 3.93 | 1.30 | 4.14 | 2.09 | 1.76 | 7.42 | 7.72 | 5.08 | 3.67 | YEAR'S TOTAL<br>45.98 |
| *Days with ·01 in. or more. | 18 | 26 | 15 | 21 | 9 | 25 | 15 | 7 | 25 | 31 | 28 | 21 | 241 |
| *Days with ·04 in. or more. | 10 | 17 | 11 | 16 | 8 | 19 | 12 | 5 | 21 | 23 | 21 | 15 | 178 |

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(*Signed*)

[P.T.O.

*See Instruction 2 (*f*) on other side

2852

**Section** A for the entry of Daily Observations.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

Form 1050.

# REGISTER OF RAINFALL IN 1936.

*Kept at* Bury

*in the County of* Lancaster

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft ...... in.

,, Ground ,, Sea Level 294 ft.

ann. Total corr. for auth

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

[illegible]

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | 0.01 | .08 | 0.03 | 0.16 | – | T | .05 | 0.45 | 0.07 | – | 0.21 | 0.18 | 1 |
| 2 | 0.01 | .03 | T | 0.03 | – | 0.27 | T | 0.10 | 0.03 | – | 0.03 | 0.19 | 2 |
| 3 | T | – | – | – | – | 0.08 | .04 | 0.16 | 1.02 | – | T | 0.08 | 3 |
| 4 | 0.36 | .26 | 0.26 | – | – | T | .01 | 0.01 | 0.90 | – | 0.23 | 0.20 | 4 |
| 5 | 0.08 | .05 | 0.38 | – | – | 0.01 | .01 | 0.49 | 0.31 | – | 0.09 | 0.31 | 5 |
| 6 | 0.03 | – | T | – | – | 0.03 | .06 | 0.21 | 0.87 | – | 0.17 | – | 6 |
| 7 | T | – | 0.18 | – | – | – | .03 | T | 0.70 | – | 0.16 | 0.45 | 7 |
| 8 | 0.37 | – | 0.22 | – | – | – | – | – | T | – | 0.16 | 0.10 | 8 |
| 9 | 0.22 | – | 0.01 | – | – | T | .25 | – | 0.09 | – | 1.14 | 0.01 | 9 |
| 10 | 0.14 | – | – | – | – | – | .12 | – | T | – | 0.67 | T | 10 |
| 11 | 0.11 | – | T | T | – | 0.11 | .31 | 0.05 | 0.10 | – | 0.56 | T | 11 |
| 12 | 0.01 | – | – | 0.05 | 0.03 | 0.79 | .49 | 0.01 | 0.32 | 0.05 | 0.09 | T | 12 |
| 13 | – | – | – | 0.02 | T | T | .05 | – | T | 0.30 | T | 0.41 | 13 |
| 14 | 0.01 | – | T | 0.04 | – | 0.36 | .06 | 0.09 | 0.31 | 0.10 | 0.26 | 0.65 | 14 |
| 15 | 0.24 | T | – | 0.06 | 0.07 | 0.08 | .02 | 0.31 | 0.04 | – | 0.45 | 0.07 | 15 |
| 16 | 0.03 | .16 | 0.01 | T | T | T | .04 | T | – | 0.03 | 0.83 | 0.01 | 16 |
| 17 | 0.10 | .40 | T | T | T | – | .07 | 0.18 | – | 0.47 | 0.04 | 0.17 | 17 |
| 18 | – | .02 | T | 0.01 | – | 0.08 | .20 | 0.16 | – | 0.84 | T | – | 18 |
| 19 | 0.19 | .22 | 0.02 | 0.05 | – | 0.08 | .17 | 0.36 | – | 0.11 | – | – | 19 |
| 20 | 0.30 | .07 | 0.06 | – | – | T | T | 0.01 | – | 0.02 | – | T | 20 |
| 21 | 0.20 | – | T | 0.05 | – | 0.07 | T | T | – | 0.04 | – | T | 21 |
| 22 | 0.18 | .17 | 0.08 | – | T | 0.98 | .39 | – | – | – | – | 0.03 | 22 |
| 23 | T | T | 0.19 | 0.29 | T | T | .64 | T | – | 0.04 | – | T | 23 |
| 24 | 0.15 | T | T | 0.05 | 0.10 | – | – | – | 0.13 | 0.67 | 0.01 | 0.03 | 24 |
| 25 | 0.48 | – | T | 0.03 | – | – | .09 | – | 0.38 | 0.41 | 0.01 | 0.03 | 25 |
| 26 | 0.04 | .18 | T | – | – | T | .03 | – | 0.10 | 0.72 | T | T | 26 |
| 27 | 1.12 | .03 | 0.07 | – | – | – | T | – | 0.01 | 0.34 | T | T | 27 |
| 28 | 0.15 | .19 | 0.03 | T | – | T | .10 | – | T | – | T | 0.08 | 28 |
| 29 | 0.08 | .18 | 0.86 | – | 0.25 | 0.56 | T | – | – | 0.15 | 0.23 | 0.08 | 29 |
| 30 | 0.29 | ✕ | T | – | 0.24 | 0.05 | .51 | – | – | 0.45 | 0.15 | 0.06 | 30 |
| 31 | 0.05 | ✕ | 0.03 | ✕ | 0.19 | ✕ | .01 | 0.01 | ✕ | T | ✕ | 0.47 | 41·14<br>31 |
| TOTAL | 4.95 | 2.04 | 2.53 | 0.84 | 88 | 3.55 | 3.73 | 2.60 | 5.38 | 4.74 | 6.09 | 3.81 | YEAR'S TOTAL<br>41.~~94~~ |
| *Days with ·01 in. or more. | 26 | 14 | 15 | 12 | 6 | 14 | 24 | 15 | 16 | 16 | 19 | 20 | 197 ✓ |
| *Days with ·04 in. or more. | 20 | 11 | 10 | 8 | 5 | 12 | 17 | 11 | 14 | 14 | 16 | 15 | 153 ✓ |

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*See Instruction 2 (*f*) on other side.

(*Signed*) ..................................................

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2852

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1937.

*Kept at* Bury

*in the County of* Lancaster

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. - in.

,, Ground ,, Sea Level 294 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf.

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | 0.02 | 0.19 | 0.08 | - | - | - | 0.04 | - | 0.33 | 0.03 | T | 0.28 | | 1 |
| 2 | 0.15 | 0.30 | 0.18 | 0.22 | - | 0.02 | 0.01 | - | 0.03 | - | T | 0.9 | | 2 |
| 3 | T | 0.31 | 0.08 | 0.07 | 0.11 | 0.61 | 0.14 | - | 0.03 | - | T | - | | 3 |
| 4 | 0.19 | T | 0.02 | 0.10 | 0.15 | T | 0.02 | - | T | - | T | 0.76 | | 4 |
| 5 | 1.28 | - | 0.02 | 0.03 | 0.05 | T | 0.01 | - | - | T | T | 0.07 | | 5 |
| 6 | 0.04 | - | 0.03 | 0.13 | 0.17 | 0.01 | T | 0.44 | 0.03 | 0.03 | T | 0.04 | | 6 |
| 7 | T | 0.17 | T | 0.34 | 0.08 | 0.08 | T | - | 0.06 | - | T | - | | 7 |
| 8 | - | 0.52 | T | 0.03 | - | 0.05 | 0.30 | T | T | - | T | 0.02 | | 8 |
| 9 | T | 0.22 | T | 0.07 | 0.16 | T | 0.39 | 0.37 | - | - | - | - | | 9 |
| 10 | T | 0.20 | T | T | - | 0.14 | 0.01 | 0.03 | - | - | - | 0.33 | | 10 |
| 11 | T | 0.02 | 0.23 | T | 0.11 | - | T | - | - | - | - | 0.02 | | 11 |
| 12 | 0.04 | 0.42 | 0.07 | - | T | 0.10 | 0.06 | 0.05 | 0.35 | - | - | 0.25 | | 12 |
| 13 | - | 0.20 | T | T | T | 0.30 | - | 0.71 | T | T | - | 0.23 | | 13 |
| 14 | - | 0.07 | 0.10 | - | - | - | T | 0.31 | 0.09 | T | 0.04 | 0.22 | | 14 |
| 15 | 0.22 | 0.44 | T | 0.41 | - | - | 0.42 | T | 0.42 | T | - | 0.04 | | 15 |
| 16 | T | 0.49 | 0.17 | 0.36 | 0.07 | T | T | 0.16 | 0.10 | - | 0.02 | T | | 16 |
| 17 | 0.04 | 0.07 | 0.34 | 0.09 | 0.03 | T | - | T | 0.06 | - | 0.01 | - | | 17 |
| 18 | 0.25 | 0.38 | 0.08 | 0.09 | 0.03 | T | T | 0.24 | T | T | 0.48 | - | | 18 |
| 19 | 0.09 | 0.22 | 0.07 | 0.23 | - | 0.02 | 0.03 | 0.04 | T | - | 0.48 | - | | 19 |
| 20 | 0.09 | 0.21 | T | 0.11 | 0.31 | T | 0.21 | T | 0.03 | T | - | 0.32 | | 20 |
| 21 | T | 0.07 | T | 0.17 | 0.02 | T | 0.31 | T | - | 0.12 | - | 0.14 | | 21 |
| 22 | 0.06 | 0.02 | 0.08 | 0.02 | 0.05 | T | 0.12 | - | - | 0.44 | 0.34 | 0.22 | | 22 |
| 23 | 0.16 | T | T | - | 0.40 | - | 0.33 | - | T | 0.36 | 0.18 | 0.01 | | 23 |
| 24 | 0.12 | 0.25 | 0.12 | - | 0.02 | - | 0.06 | - | 0.15 | 0.31 | 0.01 | 0.11 | | 24 |
| 25 | T | 0.45 | T | - | 0.02 | - | T | 0.18 | 0.15 | 0.04 | T | 0.07 | | 25 |
| 26 | T | 0.30 | 0.06 | - | 0.41 | - | T | T | 0.10 | T | T | 0.04 | | 26 |
| 27 | - | 0.48 | T | 0.13 | - | - | - | - | T | 0.37 | T | 0.01 | | 27 |
| 28 | T | 0.13 | T | - | - | 0.06 | T | - | 0.01 | 0.18 | - | T | | 28 |
| 29 | T | | T | - | - | 0.01 | - | T | T | 0.04 | 0.17 | 0.01 | | 29 |
| 30 | 0.07 | ✕ | - | - | - | 0.37 | - | T | T | 0.09 | 0.62 | 0.02 | | 30 |
| 31 | 0.34 | ✕ | - | ✕ | - | ✕ | - | 0.10 | ✕ | 0.23 | ✕ | 0.01 | | 31 |
| TOTAL | 3.16 | 6.13 | 1.73 | 2.60 | 2.19 | 1.77 | 2.46 | 263 | 1.94 | 2.24 | 2.35 | 32.3 | Year's Total<br>32.43 | ✓ ✓ |
| * Days with .01 in. or more. | 16 | 24 | 16 | 17 | 17 | 12 | 16 | 11 | 15 | 12 | 10 | 23 | 189 | ✓ ✓ |
| * Days with .04 in. or more. | 15 | 22 | 13 | 14 | 12 | 8 | 11 | 10 | 10 | 10 | 7 | 15 | 147 | ✓ ✓ |

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) .................................................. [P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 2852

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1938.

*Kept at* BURY

*in the County of* LANCASTER

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft - in.

,, Ground ,, Sea Level 294 ft.

Entry on Oct. 2nd adjusted by yearly stats to agree with annual total W.E.R.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | 0.00 | 0.01 | T | 0.00 | 0.00 | 0.99 | T | 0.14 | 0.00 | 0.15 | 0.20 | 0.31 | | 1 |
| 2 | 0.01 | 0.04 | T | 0.35 | 0.04 | 0.40 | 0.02 | 0.00 | 0.01 | 0.98 ~~0.01~~ | 0.04 | 0.28 | | 2 |
| 3 | T | 0.01 | 0.00 | 0.09 | 0.00 | 0.04 | 0.03 | 0.00 | 0.23 | 1.15 | 0.21 | 0.02 | | 3 |
| 4 | 0.03 | T | T | 0.13 | 0.00 | 0.04 | 0.15 | 0.11 | T | 0.22 | 0.13 | 1.02 | | 4 |
| 5 | 0.04 | T | 0.00 | 0.03 | 0.00 | 0.04 | 0.14 | 0.01 | 0.10 | 0.86 | T | 0.06 | | 5 |
| 6 | 0.25 | T | 0.00 | 0.01 | 0.00 | 0.02 | 0.44 | 0.00 | 0.38 | 0.35 | T | 0.02 | | 6 |
| 7 | 0.14 | T | T | 0.00 | 0.00 | 0.00 | 0.59 | 0.04 | 0.11 | 0.31 | T | 0.00 | | 7 |
| 8 | 0.55 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.22 | T | T | 0.91 | 0.00 | 0.34 | | 8 |
| 9 | 0.13 | 0.39 | 0.18 | 0.00 | 0.00 | 0.34 | 0.12 | T | 0.00 | 0.04 | 0.00 | 0.25 | | 9 |
| 10 | T | 0.04 | 0.03 | 0.00 | 0.00 | 0.12 | 0.59 | T | 0.01 | 0.14 | 0.00 | 0.11 | | 10 |
| 11 | 0.21 | 0.11 | T | 0.00 | 0.06 | 0.05 | 0.14 | 0.84 | 0.02 | 0.20 | 0.12 | 0.06 | | 11 |
| 12 | 0.28 | 0.00 | 0.00 | 0.00 | 0.22 | 0.00 | 0.01 | 0.05 | 0.01 | 1.48 | 0.34 | 0.03 | | 12 |
| 13 | T | 0.05 | 0.00 | 0.00 | 0.03 | 0.00 | 0.08 | 0.00 | 0.08 | 0.14 | 0.19 | 0.31 | | 13 |
| 14 | 0.28 | 0.04 | 0.00 | 0.00 | 0.16 | T | 0.10 | T | 0.08 | 0.01 | 0.03 | T | | 14 |
| 15 | 0.26 | 0.00 | T | 0.00 | 0.03 | 0.00 | 0.36 | 0.30 | 0.01 | 0.08 | 0.29 | 0.22 | | 15 |
| 16 | 0.47 | 0.00 | 0.04 | 0.00 | 0.08 | 0.00 | 0.08 | 0.10 | 0.02 | 0.04 | T | 0.11 | | 16 |
| 17 | T | 0.00 | 0.01 | 0.00 | 0.75 | 0.00 | 0.16 | 0.16 | 0.10 | 0.61 | 0.37 | 0.05 | | 17 |
| 18 | 0.12 | 0.00 | 0.00 | 0.00 | 0.07 | 0.23 | 0.00 | 0.44 | 0.22 | 0.39 | 0.09 | T | | 18 |
| 19 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | T | 0.27 | 0.07 | 0.00 | 0.46 | 0.04 | | 19 |
| 20 | 0.29 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | T | 0.08 | 0.19 | 0.01 | 0.42 | 0.02 | | 20 |
| 21 | T | 0.00 | 0.02 | 0.00 | 0.00 | T | 0.00 | 0.10 | 0.03 | 0.00 | 0.27 | 0.03 | | 21 |
| 22 | T | 0.00 | 0.00 | 0.03 | 0.08 | 0.24 | 0.00 | T | 0.00 | 0.00 | 0.64 | 0.05 | | 22 |
| 23 | T | 0.00 | 0.00 | 0.01 | 0.12 | 0.42 | 0.00 | 0.01 | 0.08 | 0.00 | 0.46 | T | | 23 |
| 24 | 0.33 | 0.15 | 0.19 | 0.00 | 0.04 | 0.09 | 0.01 | 0.58 | 0.01 | 0.03 | 0.48 | 0.00 | | 24 |
| 25 | 0.09 | 0.39 | 0.08 | 0.00 | 0.03 | 0.09 | 0.20 | 0.01 | 0.00 | 0.55 | 0.04 | 0.09 | | 25 |
| 26 | 0.25 | 0.30 | 0.29 | 0.00 | 0.16 | 0.39 | T | 0.00 | 0.06 | 0.29 | 0.06 | 0.10 | | 26 |
| 27 | 0.58 | 0.14 | T | 0.00 | 0.35 | 0.43 | 0.12 | 0.20 | 0.05 | T | 0.48 | T | | 27 |
| 28 | 0.22 | 0.04 | 0.19 | 0.00 | 0.09 | 0.82 | 0.14 | 0.16 | 0.08 | 0.06 | 0.04 | 0.15 | | 28 |
| 29 | 0.21 | | 0.13 | 0.00 | 1.16 | 0.12 | 0.27 | 0.00 | 0.00 | 0.16 | 0.06 | 0.50 | | 29 |
| 30 | 0.42 | × | T | 0.00 | 0.04 | 0.23 | 0.01 | 0.00 | 0.49 | T | 0.21 | 0.10 | | 30 |
| 31 | 0.20 | × | 0.01 | × | 0.41 | × | 0.00 | 0.00 | × | 0.52 | × | 1.10 | | 31 |
| TOTAL | 5.37 ✓ | 1.75 ✓ | 1.19 ✓ | 0.65 ✓ | 3.92 ✓ | 5.10 ✓ | 3.98 ✓ | 3.60 ✓ | 2.44 ✓ | 9.68 ~~9.19~~ | 5.63 ✓ | 5.37 | Year's Total. 48.68 | ✓ ✓ |
| * Days with .01 in. or more. | 23 | 14 | 12 | 7 | 19 | 19 | 22 | 18 | 23 | 25 ✓ | 0.23 | 25 | 230 | ✓ |
| * Days with .04 in. or more. | 20 | 12 | 7 | 3 | 16 | 18 | 17 | 15 | 15 | 22 ✓ | 0.22 | 19. | 186 | ✓ |

40-9999

† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(*Signed*) ........................................

[P.T.O.

2852

**Section A** for the entry of Daily Observations.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1939.

*Kept at* BURY

*in the County of* LANCASTER

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. - in.

,, Ground ,, Sea Level 294 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | 0.27 | 0.00 | 0.14 | 0.19 | 0.00 | 0.00 | 0.04 | 0.06 | 0.00 | 0.01 | 0.00. | 0.29 | 1 |
| 2 | 0.04 | 0.00 | T | 0.14 | 0.00 | 0.00 | 0.29 | 0.89 | 0.74 | 0.00 | 0.04 | 0.13 | 2 |
| 3 | 0.07 | 0.00 | T | 0.08 | 0.00 | 0.00 | 0.01. | 0.05 | 0.08 | 0.00 | 0.10 | 0.78 | 3 |
| 4 | 0.06 | 0.00 | 0.37 | 0.19 | 0.08 | 0.00 | 0.42 | 0.00 | T | 0.11 | 0.06 | 0.75 | 4 |
| 5 | 0.00 | 0.00 | 0.01 | 0.01 | 0.36 | 0.00 | 0.23 | 0.09 | 0.00 | 0.18 | 0.38 | 0.02 | 5 |
| 6 | 1.03 | T | T | 0.00 | 0.01 | 0.00 | 0.52 | 0.03 | 0.00 | 0.00 | 0.07. | 0.01 | 6 |
| 7 | 0.19 | 0.38 | 0.07 | 0.00 | 0.12 | 0.00 | 0.11 | 0.00 | 0.00 | T | 0.07. | 0.55 | 7 |
| 8 | 0.25 | 0.28 | 0.22 | 0.00 | 0.00 | 0.00 | 0.50 | 0.12 | 0.00 | 0.19 | 0.19 | 0.36 | 8 |
| 9 | 0.08 | 0.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.71 | T | 0.35 | 0.07 | 0.55 | 9 |
| 10 | 0.18 | 0.05 | 0.06 | 0.00 | 0.00 | 0.16 | 0.01 | 0.08 | 0.39 | 0.21 | 0.04 | 0.09 | 10 |
| 11 | 0.26 | 0.02 | 0.22 | 0.00 | T | 0.24 | 0.00 | 0.00 | 0.00 | 0.01. | 0.01. | 0.01 | 11 |
| 12 | 0.45 | 0.08 | 0.01 | 0.00 | 0.00 | 0.04 | 0.00 | 0.00 | 0.02 | 0.00 | 0.01 | 0.00 | 12 |
| 13 | 0.03 | 0.01 | 0.01 | 0.17 | 0.12 | 0.23 | 0.11 | 0.00 | 0.04 | 0.07 | 0.24 | 0.00 | 13 |
| 14 | 0.71 | 0.01 | T | 0.01 | 0.54 | 0.51 | 0.73 | 0.00 | 0.00 | 0.00 | 0.16 | 0.00 | 14 |
| 15 | 0.08 | 0.06 | T | 0.70 | 0.04 | 1.20 | 0.11 | 0.00 | T | T | 0.10 | T | 15 |
| 16 | 0.08 | 0.01 | 0.05 | 0.02 | 0.24 | Tr. | 0.12 | 0.00 | 0.00 | 0.05 | 0.10. | 0.00 | 16 |
| 17 | 0.82 | 0.28 | T | 0.01 | 0.08 | 0.01. | T. | 0.00 | 0.00 | 0.38 | 0.01 | 0.00 | 17 |
| 18 | 0.11 | 0.24 | 0.03 | 0.00 | T | 0.21 | 0.43 | 0.00 | 0.00 | T | 0.77. | 0.00 | 18 |
| 19 | 0.26 | T | T | 0.00 | 0.01 | 0.01. | 0.17 | 0.00 | T | T | 0.01. | 0.00 | 19 |
| 20 | 0.08 | 0.00 | 0.06 | 0.00 | 0.01 | 0.05 | 0.18 | 0.15 | 0.00 | T | 0.01 | 0.00 | 20 |
| 21 | 0.10 | 0.11 | 0.52. | 0.08 | 0.05 | 0.01. | 0.10 | 0.00 | 0.01 | T | T | 0.00 | 21 |
| 22 | 0.11 | 0.27 | 0.17 | 0.08 | 0.01 | 0.00 | 0.15 | 0.00 | 0.00 | 0.03 | 0.76 | 0.00 | 22 |
| 23 | 0.02 | 0.38 | 0.02 | 0.19 | 0.00 | 0.02 | 0.11 | 0.00 | 0.00 | 0.44 | 0.18 | 0.04 | 23 |
| 24 | 0.02 | 0.18 | T. | 0.03 | 0.00 | 0.01 | 0.12 | 0.01 | 0.00 | 0.02 | 0.02. | T | 24 |
| 25 | 0.16 | 0.12 | 0.01. | 0.03 | 0.00 | 0.01. | T | 0.00 | 0.00 | 0.00 | 1.41 | 0.01 | 25 |
| 26 | 0.02 | 0.02 | 0.01 | T | 0.00 | 0.00 | 0.00 | 0.14 | 0.00 | 0.08 | 0.35 | 0.01 | 26 |
| 27 | 0.02 | 1.76 | 0.01 | T | 0.00 | 0.60 | 0.12 | 0.10 | 0.00 | 0.01 | 0.26 | 0.09 | 27 |
| 28 | 0.01 | 0.09 | 0.05. | T | 0.00 | 0.12 | 0.75 | 0.01 | 0.00 | 0.01 | 0.80 | 0.00 | 28 |
| 29 | 0.01 | | 0.07. | 0.01 | 0.00 | 0.01. | 1.40 | 0.00 | 0.00 | 0.11 | 0.16 | 0.00 | 29 |
| 30 | 0.00 | ✕ | 0.01. | 0.00 | 0.00 | 0.04 | 0.12 | 0.00 | 0.00 | 0.01 | 030 | 0.00 | 30 |
| 31 | 0.00 | ✕ | 0.00 | ✕ | 0.00 | ✕ | 0.17 | 0.01 | ✕ | 0.02 | ✕ | 0.00 | 31 |
| TOTAL | 5.52 | 4.85 | 2.12 | 1.94 | 1.67 | 3.48 | 7.03 | 2.45 | 1.28 | 2.29 | 6.68 | 3.69 | YEAR'S TOTAL 43.00 |
| *Days with ·01 in. or more. | 28 | 20 | 21 | 16 | 13 | 18 | 26 | 14 | 6 | 19 | 28 | 15 | 224 |
| *Days with ·04 in. or more. | 20 | 15 | 12 | 9 | 9 | 11 | 23 | 10 | 4 | 11 | 22 | 10 | 156 |

40-9999

DISTRICT ENGINEER'S OFFICE,
EXCHANGE STATION,
MANCHESTER.

(Signed) [P.T.O.

*See Instruction 2 (*f*) on other side.

## COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 2852

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1940

*Kept at* Bury

*in the County of* Lancaster

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. - in.

,, Ground ,, Sea Level 294 ft.

Copy by B.R.O.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following 0·00

**Please read the Notes and Instructions Overleaf**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | - | ·02 | tr | ·17 | - | - | tr | - | - | - | ·48 | 25 | | 1 |
| 2 | - | tr | - | ·26 | - | - | ·10 | - | - | - | ·45 | 26 | | 2 |
| 3 | 0·02 | ·12 | ·01 | ·17 | - | - | ·31 | - | - | ·05 | ·06 | 18 | | 3 |
| 4 | - | ·05 | - | ·06 | - | - | ·08 | - | - | ·19 | ·23 | 32 | | 4 |
| 5 | - | ·08 | - | - | ·16 | - | ·08 | - | tr | ·61 | ·05 | 40 | | 5 |
| 6 | ·07 | ·25 | - | - | - | - | ·03 | - | - | ·48 | ·03 | 10 | | 6 |
| 7 | ·07 | ·18 | - | ·22 | ·04 | - | ·06 | ·16 | ·08 | ·04 | tr | - | | 7 |
| 8 | tr | ·01 | ·02 | ·01 | - | - | tr | ·02 | - | ·30 | ·07 | 37 | | 8 |
| 9 | - | - | ·23 | - | tr | - | ·73 | ·18 | ·39 | ·41 | 1·19 | 26 | | 9 |
| 10 | - | - | ·02 | - | - | - | ·49 | ·27 | ·03 | ·19 | ·49 | 58 | | 10 |
| 11 | - | ·01 | ·07 | ·06 | - | ·03 | ·10 | - | ·01 | - | 1·61 | · | | 11 |
| 12 | - | - | ·38 | - | - | ·02 | ·13 | ·07 | ·50 | ·01 | ·30 | - | | 12 |
| 13 | - | tr | ·08 | tr | - | - | tr | ·10 | ·47 | - | ·08 | 03 | | 13 |
| 14 | - | ·09 | tr | ·23 | ·08 | - | ·08 | ·10 | ·12 | ·01 | ·13 | 48 | | 14 |
| 15 | tr | - | ·07 | ·12 | ·11 | - | - | - | ·03 | ·01 | ·08 | 05 | | 15 |
| 16 | ·06 | ·01 | ·14 | ·12 | - | ·03 | ·26 | - | 1·25 | ·50 | ·02 | 07 | | 16 |
| 17 | - | - | ·60 | ·04 | ·26 | - | ·64 | tr | ·17 | - | ·38 | 02 | | 17 |
| 18 | ·06 | ·19 | ·16 | ·24 | - | - | ·07 | ·27 | ·22 | ·01 | ·02 | 26 | | 18 |
| 19 | - | ·25 | ·16 | ·08 | - | - | ·17 | - | ·30 | ·01 | ·30 | 02 | | 19 |
| 20 | - | ·02 | ·04 | ·26 | - | - | ·67 | ·27 | ·19 | ·19 | ·15 | - | | 20 |
| 21 | tr | - | ·23 | ·02 | - | ·34 | ·08 | tr | - | ·04 | ·54 | - | | 21 |
| 22 | - | ·03 | ·09 | - | ·23 | ·13 | tr | ·10 | ·48 | ·02 | tr | - | | 22 |
| 23 | tr | ·15 | ·03 | ·20 | ·01 | - | ·14 | - | ·10 | ·01 | - | - | | 23 |
| 24 | ·47 | - | ·04 | - | ·01 | tr | tr | - | ·02 | ·01 | tr | ·01 | | 24 |
| 25 | ·03 | - | - | tr | ·01 | ·03 | tr | - | - | ·01 | ·02 | - | | 25 |
| 26 | ·70 | ·15 | ·01 | ·03 | ·02 | ·07 | ·10 | tr | ·01 | ·01 | ·10 | - | | 26 |
| 27 | ·83 | ·48 | - | tr | ·09 | tr | ·56 | - | ·01 | - | - | tr | | 27 |
| 28 | ·20 | ·20 | tr | - | ·22 | - | tr | ·17 | ·01 | - | - | ·06 | | 28 |
| 29 | ·03 | - | ·35 | tr | - | ·34 | ·02 | - | - | ·02 | - | ·74 | | 29 |
| 30 | ·02 | ✕ | ·01 | ·01 | - | - | ·02 | - | - | ·36 | ·02 | ·20 | | 30 |
| 31 | ·07 | ✕ | ·17 | ✕ | ·03 | ✕ | - | ·04 | ✕ | ·81 | ✕ | ·01 | | 31 |
| TOTAL | 2·63 | 2·29 | 2·91 | 2·30 | 1·27 | 0·99 | 4·92 | 1·75 | 4·39 | 4·30 | 6·80 | 4·67 | Year's Total 39·22 | |
| * Days with .01 in. or more. | 13 | 18 | 21 | 18 | 13 | 8 | 22 | 12 | 19 | 24 | 23 | 21 | 212 | |
| * Days with .04 in. or more. | 9 | 12 | 15 | 14 | 8 | 4 | 19 | 11 | 12 | 13 | 18 | 16 | 151 | |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) J. CRANSHAW

[P.T.O.